

THE INTERIM CLIMATE DATA INVENTORY:

**A Quick Reference to
Selected Climate Data**



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
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Center for Environmental Assessment Services
Washington, D.C.
December 1980

U.S. DEPARTMENT OF COMMERCE


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ACKNOWLEDGMENTS

This catalog would not have been possible without the help and cooperation of those people who participated in the Climate Data Management Workshop (Harpers Ferry, May 1979). D. Drury and P. Sabol gathered, organized and compiled the original data set description work sheets. R. Dennis, J. Matejcek, and C. MacFarland lent their expertise in data base management and the Global Ocean Data Inventory software to help get the workshop information into a computer data base. T. Sletten performed admirably in the often tedious but necessary tasks of identifying, entering, and checking the data set descriptions that make up the heart of this catalog. P. Ford transformed a broad set of requirements into the detailed computer programs that made publication of this catalog a reality.

K. Hadeen has been the project's mentor and chief supporter throughout. This work was supported by the National Climate Program Office.

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I. INTRODUCTION

This catalog was produced as part of the efforts of the Environmental Data and Information Service (EDIS) in the National Climate Program. Its primary purpose is the distribution of information collected at the Climate Data Management Workshop held in Harpers Ferry, West Virginia in May 1979. During that workshop representatives from federal and state agencies, private industry, and the academic/research community identified and described climate data sets held by their respective organizations. Several Canadian institutions also participated.

Most of the participants in the Climate Data Management Workshop were assigned to one of six discipline oriented Working Groups. A seventh group was charged with looking into climate data management and among its recommendations was the one to publish this catalog. The discipline oriented Working Groups identified data holdings pertinent to their fields of interest. The data set descriptions which follow are sorted by Working Group. A brief description of the Working Groups appears in summary Table I.

Table I. Data Sets by Working Groups

<u>Working Groups</u>	<u>Catalog Reference Numbers</u>
1-Basic Atmospheric Data	1-370
2-Hydrology, Precipitation, Snow	371-477
3-Ocean Data	478-564
4-Radiation, Physics, and Chemistry	565-623
5-Proxy and Non-Instrumental Data Resources	624-633
6-Geographical, Land Use, and Assessment Data	634-650

The information in the publication is limited to descriptions of data sets available at the workshop. To contact all workshop participants would have taken more time than was available for preparation of this catalog. Thus we did not attempt to re-survey workshop participants to fill in missing or incomplete information. In some cases other published data catalogs (listed in Appendix I) were used to verify, edit, and supplement data set

descriptions. Data set descriptions ranged from those providing meticulous detail to those which discussed data sets in very general terms. These workshop descriptions were analyzed and a list of ten "attributes" common to most data set descriptions was identified. To provide a consistent and easy to use catalog we have limited the data set descriptions presented here to the "attributes" defined in Section II.

The Interactive Data Base

The information in this catalog also resides on an interactive computer data base system. Readers are urged to use this system for specialized searches of the data base. Information on how to use this system may be obtained by contacting the Interim Climate Data Inventory Project Manager at

Data Services Division, D211
CEAS/EDIS/NOAA
3300 Whitehaven St., N.W.
Washington, D.C. 20235.

The Comprehensive Climate Data Inventory

Another purpose of producing this catalog is to provide a sounding board and feedback mechanism for the development of a comprehensive climate data inventory. The comprehensive inventory will not be limited to input from the Harpers Ferry Workshop but will attempt to identify all major climate related data sets. The inventory will become part of the planned National Environmental Data Referral Service (NEDRES) being developed by the Environmental Science Information Center (ESIC). Suggestions for improving this catalog's content or format are welcomed. Suggestions should be directed to

Director
Environmental Science Information Center
NOAA, D8
11400 Rockville Pike
Rockville, Md. 20852

II. DEFINITIONS OF DATA SET ATTRIBUTES

Each of the data sets listed in this catalog is described by the following:

TITLE:

A brief descriptive title for the data set.

PARAMETERS:

A list of variables included in the data set.

PERIOD OF OBSERVATIONS:

The duration in years and the start and end dates (month/year) are listed.

GEOGRAPHICAL AREA:

A brief description of the area over which the data were taken.

DATA TYPE:

Will be one of the following:

- Proxy or inferred, e.g., tree ring data
- Observed
- Derived or averaged in space or time.

DATA ORGANIZATION:

Will be one of the following:

Point - One location
Trackline - Either cruise or flight data taken along a path
Network - A set of irregularly spaced data
Grid - A set of regularly spaced data
Field - An analyzed or isoplethed data set
Composite - A combination of 2 or more of the above

MEDIA:

How are the data stored? (e.g., magnetic tape, graphs, pictures?)

VOLUME:

A description of the size of the data sets. (e.g., the number of reels of magnetic tape.)

REMARKS:

Additional information about the data.

HOLDING CENTER:

The institution which has the data.

DATA SET IDENTIFIER (or DSID):

A cross reference to the data set ID number (used by the computer interactive data base)

III. SUMMARY TABLES

The bulk of this catalog consists of lists of data set descriptions, which have been sorted by Working Group, then by Holding Center, Period of Observation, and Data Organization. To make the catalog more useful we have also generated the following tables.

Table A.--Data Sets with Periods of Record Greater than 100 Years Listed by Parameter.

<u>Parameter</u>	<u>Data Set Number</u>									
Carbon Dioxide	627									
Climate	629									
Cloud Cover	57	268	539							
Cloud Type	57	58	268	540						
Current Direction	506	508								
Current Speed	506	508								
Date of First Snowfall	625									
Date of Ground Freeze	625	630								
Date of Ground Thaw	625	630								
Date of Ice Breakup	398	485								
Date of Ice Formation	398									
Dew Point	58									
Freeze Data	269	625								
Hours of Sunshine	268									
Ice Cover	624									
Ice Drift	485									
Ice Thickness	398	485								
Light Attenuation (Transmissivity)	627									
Nitrate(NO3)	627									
Nitrite(NO2)	627									
Precipitation	54	55	56	58	64	268	269	270	273	
	341	624								
Pressure	58	268	273	341	508	538	539	540		
Pressure Tendency-Amount	268									

<u>Parameters</u>	<u>Data Set Number</u>									
Rainfall Intensity	341									
Relative Humidity	57 268									
Sea Height	509 510									
Sea State	539 540									
Snow Depth	270									
Snowfall	54 56 269 270 624									
Surface Meteorology	58 128 268 341 539 540									
Upper Air Meteorology	272									
Storm Tracks	271 349									
Temperature	57 58 59 60 61 62 64 268 269 273 341 508 539 540 627									
Temperature Maximum	54 58 269 270									
Temperature Minimum	54 58 269 270									
Tree Ring Data	628 633									
Visibility	57 58 268 539 540									
Water Level	631									
Wave Direction	540									
Weather	268 270 539 540 626									
Wet Bulb Temperature	57 268 539 540									
Wind Direction	63 268 272 538 539 540									
Wind Speed	63 268 272 538 539 540									

Table B.--Data Sets Listed by Parameter
(Data sets with greater than 20 years of record are underlined.)

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>									
Absorbed Solar Energy	4	591	592	593	596						
Air Mass Codes	1	76									
Air Pollution Studies	2	569	586								
Air/Sea Surface Temperature Difference	5	216	544	545	546	547					
Albedo	4	369	591	623	<u>634</u>						
Altitude	1	556									
Available Solar Energy	2	592	593								
Bathymetry	5	515	516	529	534	<u>543</u>					
Bed Loads	1	401									
Bed Materials	1	401									
Brightness	9	96	298	421	422	426	427	430	454	455	
Carbon Dioxide	4	565	573	<u>622</u>	<u>627</u>						
Carbon Monoxide	2	582	586								
Climate	1	<u>629</u>									
Cloud Ceiling Height	23	2	3	14	20	<u>44</u>	73	74	<u>75</u>	133	
		135	152	169	184	<u>185</u>	195	208	<u>216</u>	<u>255</u>	
		<u>264</u>	<u>343</u>	<u>348</u>	<u>352</u>	<u>360</u>					
Cloud Cover	35	<u>40</u>	<u>57</u>	77	79	82	94	97	130	132	
		135	<u>142</u>	152	169	184	185	195	208	216	
		<u>251</u>	<u>254</u>	<u>255</u>	<u>264</u>	<u>265</u>	<u>268</u>	297	<u>348</u>	<u>352</u>	
		<u>365</u>	<u>366</u>	<u>367</u>	<u>368</u>	<u>514</u>	<u>539</u>	602			
Cloud Height	6	6	13	95	97	142	362				
Cloud Type	18	31	32	33	<u>40</u>	<u>48</u>	<u>57</u>	<u>58</u>	79	142	
		169	216	<u>255</u>	<u>262</u>	<u>268</u>	<u>296</u>	<u>352</u>	<u>540</u>	<u>564</u>	
Color	2	520	553								
Condensation Nuclei	1	602									

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>								
Conductivity (Electrical)	2	493	508							
Cooling Degree Days	14	76 <u>264</u>	133 <u>265</u>	182 <u>339</u>	184 470	<u>244</u> <u>476</u>	<u>245</u>	<u>246</u>	<u>254</u>	<u>263</u>
Count of Icebergs	12	410 470	411 474	<u>412</u> <u>476</u>	<u>413</u>	<u>414</u>	<u>416</u>	466	467	468
Crop Yield	3	640	643	647						
Curl of Wind Stress	1	<u>512</u>								
Current Direction	10	<u>348</u> <u>564</u>	<u>503</u>	<u>504</u>	<u>506</u>	<u>508</u>	544	545	553	555
Current Speed	11	<u>348</u> <u>555</u>	<u>503</u> <u>564</u>	<u>504</u>	<u>506</u>	<u>508</u>	544	545	<u>549</u>	553
Date of First Snowfall	1	<u>625</u>								
Date of Ground Freeze	3	<u>266</u>	<u>625</u>	<u>630</u>						
Date of Ground Thaw	3	<u>266</u>	<u>625</u>	<u>630</u>						
Date of Ice Breakup	4	<u>348</u>	<u>398</u>	<u>448</u>	<u>485</u>					
Date of Ice Formation	3	<u>348</u>	<u>398</u>	<u>448</u>						
Density	2	<u>452</u>	457							
Density (Air)	3	1	151	<u>230</u>						
Depth	3	<u>498</u>	552	<u>559</u>						
Dew Point	30	2 133 <u>262</u> <u>457</u>	3 153 <u>264</u> <u>561</u>	14 164 296 598	20 169 <u>348</u>	<u>58</u> <u>184</u> 351	73 216 <u>352</u>	120 219 354	130 <u>248</u> <u>360</u>	132 <u>255</u> <u>361</u>
Diffuse Solar Radiation	5	570	572	<u>578</u>	605	613				
Direct Solar Radiation	7	354	570	572	600	605	<u>608</u>	615		
Dissolved Oxygen Gas	1	<u>564</u>								
Drought Severity Index	4	77	135	152	333					
Dust Fall (Accumulation)	2	<u>261</u>	586							
Emitted Radiation	4	354	589	591	615					

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>									
Energy Consumption	1	640									
Evapo-Transpiration	2	375	404								
Evaporation	15	<u>48</u> <u>384</u>	<u>76</u> <u>385</u>	<u>132</u> <u>396</u>	<u>182</u> <u>404</u>	<u>266</u> <u>406</u>	<u>361</u> <u>580</u>	<u>381</u>	<u>382</u>	<u>383</u>	
Flood Frequency	1	408									
Flood Magnitude	1	408									
Freeze Data	8	98	129	132	<u>234</u>	<u>245</u>	<u>267</u>	<u>269</u>	<u>625</u>		
Geographic Description/Floods	1	408									
Glacier Location (Description)	1	<u>402</u>									
Glacier Mean Elevation	1	<u>402</u>									
Glacier-Descriptive Physical Information	1	<u>402</u>									
Global IR Radiation	3	354	457	615							
Global Radiation	3	601	<u>607</u>	<u>608</u>							
Global Solar Radiation	18	<u>354</u> <u>608</u>	<u>457</u> <u>613</u>	<u>570</u> <u>615</u>	<u>572</u> <u>616</u>	<u>578</u> <u>617</u>	<u>580</u> <u>618</u>	<u>595</u> <u>619</u>	<u>600</u> <u>620</u>	<u>605</u> <u>621</u>	
Grass Minimum Temperature	3	79	216	580							
Hail/Stone Count	2	458	460								
Hail/Stone Energy	2	458	460								
Hail/Stone Momentum	2	458	460								
Hail/Stone Size	2	458	460								
Hardness of Snow	1	<u>452</u>									
Heat Flux	3	547	<u>564</u>	596							
Heating Degree Days	16	<u>76</u> <u>263</u>	<u>132</u> <u>264</u>	<u>133</u> <u>265</u>	<u>182</u> <u>266</u>	<u>184</u> <u>339</u>	<u>244</u> <u>470</u>	<u>245</u> <u>476</u>	<u>246</u>	<u>254</u>	
Height of Pressure Surfaces	40	1 153 284 312 <u>334</u>	42 <u>169</u> 286 318 <u>336</u>	<u>43</u> <u>229</u> <u>287</u> <u>319</u> <u>337</u>	102 <u>248</u> <u>288</u> <u>321</u> <u>370</u>	112 <u>249</u> <u>289</u> <u>325</u>	122 <u>277</u> <u>291</u> <u>326</u>	124 <u>280</u> <u>300</u> <u>327</u>	<u>126</u> <u>281</u> <u>303</u> <u>328</u>	151 <u>283</u> <u>306</u> <u>331</u>	

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>								
Horizontal Temperature Gradient	3	529	536	542						
Hours of Sunshine	7	30	<u>52</u>	<u>53</u>	79	<u>264</u>	<u>268</u>	374		
Human Population Estimates	1	640								
Hydrocast	1	<u>505</u>								
Ice Cover	23	371	<u>397</u>	410	411	<u>412</u>	<u>413</u>	<u>414</u>	<u>416</u>	424
		425	<u>431</u>	437	441	<u>443</u>	<u>444</u>	<u>445</u>	<u>449</u>	454
		455	464	<u>465</u>	<u>477</u>	<u>624</u>				
Ice Drift	3	449	464	<u>485</u>						
Ice Thickness	16	216	<u>397</u>	<u>398</u>	420	441	444	445	451	<u>465</u>
		466	<u>467</u>	<u>468</u>	470	474	<u>476</u>	<u>485</u>		
Ice Type	14	216	<u>416</u>	420	441	444	445	449	464	466
		467	<u>468</u>	470	474	<u>476</u>				
Ice/Age	18	410	411	<u>412</u>	<u>413</u>	<u>414</u>	420	441	444	445
		449	464	<u>465</u>	<u>466</u>	<u>467</u>	468	470	474	<u>476</u>
Ice/Concentration	25	<u>348</u>	<u>370</u>	410	411	<u>412</u>	<u>413</u>	<u>414</u>	415	<u>416</u>
		<u>420</u>	<u>441</u>	444	445	<u>464</u>	<u>465</u>	<u>466</u>	467	<u>468</u>
		470	472	473	474	<u>476</u>	<u>544</u>	545		
Ice/Floe Size	19	410	411	<u>412</u>	<u>413</u>	<u>414</u>	<u>416</u>	441	442	444
		445	446	<u>447</u>	<u>449</u>	<u>466</u>	<u>467</u>	468	470	474
		<u>476</u>								
Ice/Surface Character	15	410	411	<u>412</u>	<u>413</u>	<u>414</u>	441	444	445	<u>465</u>
		466	467	<u>468</u>	<u>470</u>	<u>474</u>	<u>476</u>			
Incident Radiation	12	<u>48</u>	<u>549</u>	567	<u>587</u>	594	599	600	601	603
		604	<u>607</u>	611						
Index of Refraction	1	351								
Infrared Radiation	7	82	369	590	591	592	593	623		
Kinetic Energy (Wind)	2	274	275							
Land Use Data	10	636	637	638	639	641	642	644	648	649
		650								
Layer Thickness	6	<u>39</u>	<u>42</u>	<u>75</u>	111	169	278			

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>									
Lead	1	586									
Light Attenuation (Transmissivity)	1	<u>627</u>									
Light Intensity	1	354									
Maximum Brightness Temperature	2	417	418								
Maximum Mixing Height	1	12									
Maximum Wave Height	1	480									
Mean Mixing Layer Depth	1	<u>558</u>									
Mean Wind Strees	1	<u>512</u>									
Mixing Layer Depth	1	535									
Mixing Ratio (Water Vapor/ Dry Air)	1	351									
Net IR Radiation	2	591	596								
Net Radiation	10	<u>252</u> <u>623</u>	<u>254</u>	<u>264</u>	369	547	<u>578</u>	579	591	<u>608</u>	
Nitrate (NO3)	2	<u>548</u>	<u>627</u>								
Nitrite (NO2)	1	<u>627</u>									
Nitrogen Dioxide	2	582	586								
No. Days of Minimum Temp. < 32° F.	1	<u>254</u>									
No. Days of Precip. > .01 Inches	8	129	130	132	182	<u>234</u>	<u>254</u>	<u>264</u>	<u>265</u>		
Oxygen	1	<u>548</u>									
Ozone	15	<u>575</u> <u>616</u>	<u>576</u> <u>617</u>	<u>577</u> <u>618</u>	582 619	586 620	<u>597</u> <u>621</u>	609	<u>610</u>	612	
Particulate Matter	3	582	586	614							
Past Weather	1	<u>262</u>									

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>									
Peak Wind (Maximum Gusts)	1	<u>251</u>									
Phosphate (PO4)	1	<u>548</u>									
Photograph	2	554	<u>557</u>								
Physical Characteristics of Sea Ice	6	466	467	468	470	474	<u>476</u>				
Precipitable Water	5	<u>39</u>	74	82	169	<u>395</u>					
Precipitation	105	2	3	4	7	11	14	16	20	30	
		<u>41</u>	<u>48</u>	<u>49</u>	<u>54</u>	<u>55</u>	<u>56</u>	<u>58</u>	<u>64</u>	<u>65</u>	
		<u>71</u>	<u>76</u>	<u>77</u>	<u>129</u>	<u>130</u>	<u>131</u>	<u>132</u>	<u>133</u>	<u>135</u>	
		152	173	182	184	185	195	208	216	229	
		<u>234</u>	<u>236</u>	<u>244</u>	<u>245</u>	<u>247</u>	<u>251</u>	<u>252</u>	<u>254</u>	<u>256</u>	
		<u>261</u>	<u>262</u>	<u>263</u>	<u>264</u>	<u>265</u>	<u>266</u>	<u>267</u>	<u>268</u>	<u>269</u>	
		<u>270</u>	<u>273</u>	<u>305</u>	<u>339</u>	<u>341</u>	<u>346</u>	<u>348</u>	<u>352</u>	<u>354</u>	
		<u>357</u>	<u>359</u>	<u>360</u>	<u>361</u>	<u>373</u>	<u>374</u>	<u>376</u>	<u>379</u>	<u>380</u>	
		<u>386</u>	<u>387</u>	<u>388</u>	<u>389</u>	<u>390</u>	<u>391</u>	<u>392</u>	<u>393</u>	<u>394</u>	
		<u>399</u>	<u>407</u>	<u>409</u>	<u>428</u>	<u>434</u>	<u>436</u>	<u>440</u>	<u>457</u>	<u>458</u>	
		<u>459</u>	460	461	462	<u>569</u>	<u>580</u>	<u>581</u>	582	616	
		<u>617</u>	618	619	620	<u>621</u>	<u>624</u>				
Precipitation Chemistry	2	571	574								
Pressure	92	1	2	3	6	14	17	18	20	31	
		32	33	<u>34</u>	<u>38</u>	<u>40</u>	<u>44</u>	<u>48</u>	<u>50</u>	<u>58</u>	
		73	79	<u>101</u>	<u>103</u>	<u>106</u>	<u>107</u>	<u>108</u>	<u>123</u>	<u>127</u>	
		132	133	135	136	152	153	169	184	<u>195</u>	
		208	216	<u>229</u>	<u>230</u>	<u>241</u>	<u>248</u>	<u>249</u>	<u>252</u>	<u>255</u>	
		<u>257</u>	<u>262</u>	<u>264</u>	<u>265</u>	<u>268</u>	<u>273</u>	<u>280</u>	<u>283</u>	<u>284</u>	
		<u>291</u>	<u>292</u>	<u>299</u>	<u>314</u>	<u>317</u>	<u>332</u>	<u>333</u>	<u>334</u>	<u>336</u>	
		<u>338</u>	<u>340</u>	<u>341</u>	<u>348</u>	350	351	352	<u>357</u>	<u>359</u>	
		<u>362</u>	<u>370</u>	<u>486</u>	<u>508</u>	514	538	<u>539</u>	<u>540</u>	<u>543</u>	
		<u>548</u>	<u>558</u>	<u>564</u>	<u>598</u>	616	<u>617</u>	<u>618</u>	<u>619</u>	<u>620</u>	
		<u>621</u>	<u>632</u>								
Pressure Tendency-Amount	1	<u>268</u>									
Prices of Farm Crops	1	640									
Radar Echos	1	<u>253</u>									
Rainfall Intensity	9	<u>341</u>	<u>344</u>	372	376	377	378	<u>392</u>	<u>393</u>	429	
Reflected Solar Radiation	6	354	457	570	572	578	615				

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>									
Reflected Visible Radiation	1	589									
Reflectivity	4	415	417	418	424						
Relative Humidity	51	2	3	4	6	7	13	14	18	20	
		<u>44</u>	<u>57</u>	71	76	78	79	129	130	132	
		133	141	169	184	185	195	208	221	234	
		<u>241</u>	<u>249</u>	<u>254</u>	<u>257</u>	<u>262</u>	<u>264</u>	<u>265</u>	<u>268</u>	<u>294</u>	
		<u>316</u>	<u>333</u>	<u>348</u>	<u>350</u>	<u>351</u>	<u>352</u>	<u>360</u>	<u>361</u>	374	
		451	460	<u>564</u>	580	581	582				
Relative Humidity/Maximum	1	<u>251</u>									
Relative Humidity/Minimum	1	<u>251</u>									
Salinity	9	<u>496</u>	<u>497</u>	<u>502</u>	<u>505</u>	514	<u>548</u>	552	553	<u>560</u>	
Satellite Imagery	37	72	85	86	87	88	89	90	91	92	
		93	94	95	96	97	134	298	369	417	
		418	419	421	422	426	427	430	431	454	
		455	463	588	589	590	591	592	593	594	
		623									
Sea Direction	1	533									
Sea Height	6	195	208	487	<u>509</u>	<u>510</u>	533				
Sea Period	1	533									
Sea State	5	345	<u>484</u>	514	<u>539</u>	<u>540</u>					
Sea Surface Temperature Anomalies	5	507	511	532	546	<u>548</u>					
Sediment Discharges (Load)	1	401									
Sediment Sample	1	<u>513</u>									
Sightings of Ice Bergs	6	466	467	468	470	474	<u>476</u>				
Silicate (SI03)	1	<u>548</u>									
Size Analysis	1	401									
Snow Age	2	433	<u>453</u>								
Snow Cover	11	374	423	424	425	433	<u>453</u>	456	469	471	
		475	634								

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>								
Snow Depth	19	216 435 475	<u>251</u> <u>440</u>	<u>261</u> <u>450</u>	<u>263</u> <u>451</u>	<u>266</u> <u>452</u>	<u>270</u> <u>453</u>	361 456	<u>395</u> <u>457</u>	433 471
Snowfall	27	30 182 266	<u>54</u> <u>184</u> <u>267</u>	<u>56</u> <u>234</u> <u>269</u>	78 <u>245</u> <u>270</u>	129 <u>251</u> <u>360</u>	130 <u>254</u> <u>361</u>	132 <u>261</u> <u>373</u>	133 <u>264</u> <u>380</u>	173 <u>265</u> <u>624</u>
Soil Moisture	2	471	475							
Soil Type	3	<u>635</u>	645	<u>646</u>						
Soiling Index	2	582	586							
Solar Radiation	14	129 <u>578</u>	132 580	133 600	<u>234</u> <u>605</u>	354 615	361	451	570	572
Solar Radiation Flux	1	78								
Solar UV Flux	1	<u>608</u>								
Sound Velocity	6	1	<u>230</u>	351	<u>497</u>	552	<u>560</u>			
Sound Velocity	6	1	230	351	497	552	560			
Specific Humidity	2	274	275							
Standard Surface Meteorology	173	2 70 119 137 148 159 170 179 190 199 208 217 228 240 261 341 361 484 580 621	3 72 <u>125</u> <u>138</u> 149 160 171 180 191 200 209 218 <u>229</u> <u>242</u> <u>262</u> 342 374 514 582 622	14 76 <u>128</u> <u>139</u> 150 161 172 181 192 201 210 220 <u>231</u> <u>243</u> <u>263</u> <u>348</u> <u>428</u> 539 598 622	20 78 129 140 152 162 173 182 193 202 211 222 <u>232</u> <u>245</u> <u>264</u> <u>352</u> <u>436</u> <u>540</u> 615	22 79 130 143 154 163 174 183 194 203 212 223 <u>233</u> <u>250</u> <u>265</u> 354 451 544 616	39 <u>80</u> <u>132</u> 144 155 165 175 186 195 204 213 224 <u>234</u> <u>252</u> <u>266</u> 355 456 545 617	<u>47</u> <u>114</u> 133 145 156 166 176 187 196 205 214 225 <u>235</u> <u>254</u> <u>268</u> 357 457 564 618	<u>58</u> <u>116</u> 135 146 157 167 177 188 197 206 215 226 <u>238</u> <u>255</u> <u>276</u> 359 460 568 619	69 117 136 147 158 168 178 189 198 207 216 227 <u>239</u> <u>259</u> <u>295</u> <u>360</u> <u>483</u> 569 620

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>								
Standard Upper Air Meteorology	72	6 <u>44</u> 102 <u>126</u> 248 <u>278</u> 304 333	13 <u>46</u> 104 141 249 279 306 <u>337</u>	18 69 112 151 252 281 308 347	19 72 113 153 258 286 309 350	21 73 115 169 259 287 310 351	22 81 120 219 260 288 312 <u>358</u>	23 82 121 221 272 291 315 362	26 98 122 230 <u>276</u> 296 320 483	34 <u>100</u> 124 <u>241</u> <u>277</u> 302 331 <u>564</u>
Storm Tracks	5	<u>50</u>	<u>271</u>	345	<u>348</u>	<u>349</u>				
Stream Flow	2	<u>403</u>	<u>438</u>							
Sulfate	1	582								
Sulfation Rate	2	582	586							
Sulfur Dioxide	2	582	586							
Sunshine	2	<u>51</u>	<u>357</u>							-
Surface Cover	2	<u>634</u>	650							
Swell Direction	2	216	533							
Swell Height	3	216	487	533						
Swell Period	2	216	533							
Temperature	214	2 17 <u>41</u> <u>64</u> <u>77</u> 109 153 216 <u>246</u> <u>264</u> 284 312 333 <u>352</u> <u>370</u> <u>440</u> 482 499 515	3 18 <u>44</u> <u>65</u> 78 113 164 219 247 <u>267</u> 288 314 <u>334</u> 353 373 451 488 <u>500</u> 527	4 20 <u>48</u> <u>66</u> 79 117 169 221 <u>248</u> <u>268</u> 289 318 <u>336</u> 354 374 <u>452</u> 490 <u>501</u> 528	6 31 <u>57</u> <u>67</u> 81 121 173 229 <u>249</u> <u>269</u> 291 319 <u>337</u> 355 384 <u>457</u> 491 <u>502</u> 530	8 32 <u>58</u> <u>68</u> 82 133 182 230 <u>252</u> <u>273</u> 293 320 <u>339</u> 356 385 <u>460</u> 493 <u>505</u> 531	10 33 <u>59</u> <u>71</u> 84 135 184 234 <u>255</u> <u>274</u> 300 323 <u>341</u> 357 387 <u>470</u> 494 <u>507</u> 534	13 <u>35</u> <u>60</u> <u>73</u> 85 141 185 <u>241</u> <u>257</u> 302 324 <u>348</u> 359 <u>401</u> 476 <u>495</u> <u>508</u> 536	14 <u>37</u> <u>61</u> <u>74</u> 100 151 195 <u>244</u> <u>261</u> 308 331 <u>350</u> 360 <u>427</u> 478 496 <u>511</u> 537	16 <u>40</u> <u>62</u> <u>76</u> 104 152 208 <u>245</u> <u>262</u> 310 332 <u>351</u> 361 <u>432</u> 481 497 <u>514</u> <u>539</u>

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>								
Temperature (Cont'd)		<u>540</u>	<u>541</u>	<u>542</u>	<u>543</u>	<u>544</u>	<u>545</u>	<u>546</u>	<u>547</u>	<u>548</u>
		<u>549</u>	<u>550</u>	<u>551</u>	<u>552</u>	<u>553</u>	<u>558</u>	<u>559</u>	<u>560</u>	<u>561</u>
		<u>562</u>	<u>563</u>	<u>564</u>	<u>566</u>	<u>567</u>	<u>568</u>	<u>570</u>	<u>572</u>	<u>576</u>
		<u>580</u>	<u>581</u>	<u>583</u>	<u>585</u>	<u>598</u>	<u>602</u>	<u>612</u>	<u>615</u>	<u>616</u>
		<u>617</u>	<u>618</u>	<u>619</u>	<u>620</u>	<u>621</u>	<u>627</u>	<u>634</u>		
Temperature Maximum	41	4	5	7	11	30	<u>41</u>	<u>50</u>	<u>54</u>	<u>58</u>
		76	78	129	130	131	<u>132</u>	<u>133</u>	<u>135</u>	<u>152</u>
		182	184	195	208	216	<u>229</u>	<u>234</u>	<u>245</u>	<u>246</u>
		<u>251</u>	<u>254</u>	<u>261</u>	<u>262</u>	<u>263</u>	<u>264</u>	<u>265</u>	<u>266</u>	<u>267</u>
		<u>269</u>	<u>270</u>	<u>311</u>	<u>348</u>	<u>580</u>				
Temperature Minimum	41	4	5	7	11	30	<u>41</u>	<u>50</u>	<u>54</u>	<u>58</u>
		76	78	129	130	131	<u>132</u>	<u>133</u>	<u>135</u>	<u>152</u>
		182	184	195	208	216	<u>229</u>	<u>234</u>	<u>245</u>	<u>246</u>
		<u>251</u>	<u>254</u>	<u>261</u>	<u>262</u>	<u>263</u>	<u>264</u>	<u>265</u>	<u>266</u>	<u>267</u>
		<u>269</u>	<u>270</u>	<u>307</u>	<u>348</u>	<u>580</u>				
Thermocline Depth	2	<u>543</u>	561							
Tidal Period	1	<u>348</u>								
Tidal Phase	1	<u>348</u>								
Three Ring Data	2	<u>628</u>	<u>633</u>							
Tropopause	3	<u>39</u>	98	308						
Turbidity	2	553	606							
UV Radiation	2	354	615							
Vapor Pressure	4	118	130	<u>357</u>	<u>634</u>					
Vegetation Cover	1	582								
Ventilation Coefficient	1	12								
Vertical Temperature Gradient	12	<u>500</u>	<u>515</u>	<u>516</u>	<u>529</u>	<u>534</u>	<u>536</u>	<u>543</u>	<u>552</u>	<u>558</u>
		<u>561</u>	<u>562</u>	<u>563</u>						
Vertical Wind Velocity	5	282	285	290	301	313				
Visibility	32	2	3	14	20	31	32	33	40	48
		<u>57</u>	<u>58</u>	<u>77</u>	<u>79</u>	<u>133</u>	<u>135</u>	<u>152</u>	<u>184</u>	<u>185</u>
		<u>195</u>	<u>208</u>	<u>216</u>	<u>255</u>	<u>262</u>	<u>264</u>	<u>268</u>	<u>343</u>	<u>348</u>
		<u>352</u>	<u>360</u>	<u>539</u>	<u>540</u>	<u>614</u>				

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>									
Visible Radiation	6	<u>36</u>	<u>48</u>	77	<u>251</u>	363	590				
Water Content	4	76	78	400	405						
Water Equivalent of Snow	3	<u>440</u>	<u>453</u>	457							
Water Level	3	<u>403</u>	<u>439</u>	<u>631</u>							
Water Transport	2	<u>403</u>	<u>438</u>								
Wave Amplitude	16	136	195	208	216	<u>348</u>	479	487	489	492	
		518	519	521	533	<u>540</u>	<u>564</u>	588			
Wave Direction	6	136	480	519	521	533	<u>540</u>				
Wave Period	9	136	195	208	216	480	519	521	533	<u>564</u>	
Wave Spectral Energy	6	517	522	523	524	525	526				
Weather	20	16	17	<u>40</u>	142	184	195	208	216	<u>237</u>	
		<u>251</u>	<u>255</u>	<u>262</u>	<u>264</u>	<u>268</u>	<u>270</u>	<u>352</u>	<u>360</u>	<u>539</u>	
		<u>540</u>	<u>626</u>								
Wet Bulb Temperature	8	<u>57</u>	71	<u>255</u>	<u>264</u>	<u>268</u>	<u>352</u>	<u>539</u>	<u>540</u>		
Wind - Meridional Component	18	99	105	110	141	153	221	274	275	279	
		293	309	315	322	<u>335</u>	<u>337</u>	347	<u>512</u>	<u>564</u>	
Wind - Zonal Component	18	99	105	110	141	153	221	274	275	279	
		293	309	315	322	<u>335</u>	<u>337</u>	347	<u>512</u>	<u>564</u>	
Wind Direction	101	1	2	3	5	9	12	13	14	15	
		18	20	21	24	25	28	29	<u>40</u>	<u>44</u>	
		<u>45</u>	<u>48</u>	<u>63</u>	71	73	77	78	<u>79</u>	<u>83</u>	
		129	130	132	136	151	169	184	185	195	
		208	216	219	230	234	241	248	249	252	
		255	257	258	<u>259</u>	<u>260</u>	<u>261</u>	<u>262</u>	<u>264</u>	<u>265</u>	
		<u>266</u>	<u>268</u>	<u>272</u>	295	329	330	333	<u>352</u>	354	
		<u>355</u>	<u>356</u>	<u>360</u>	362	364	374	384	<u>385</u>	451	
		460	464	<u>514</u>	<u>538</u>	<u>539</u>	<u>540</u>	<u>544</u>	<u>545</u>	<u>549</u>	
		566	567	568	<u>576</u>	<u>580</u>	<u>581</u>	582	583	<u>584</u>	
		585	598	602	<u>615</u>	616	617	618	619	620	
		<u>621</u>	<u>634</u>								

<u>Parameters</u>	<u>No. of Entries</u>	<u>Data Set Number</u>									
Wind Speed	110	1	2	3	5	12	13	14	15	18	
		20	21	24	25	27	28	29	<u>40</u>	<u>44</u>	
		<u>45</u>	<u>48</u>	<u>63</u>	71	73	77	78	<u>79</u>	<u>83</u>	
		<u>95</u>	<u>97</u>	<u>129</u>	130	132	133	135	136	151	
		152	169	184	185	195	208	216	219	<u>230</u>	
		<u>234</u>	<u>241</u>	<u>248</u>	<u>249</u>	<u>254</u>	<u>255</u>	<u>257</u>	<u>258</u>	<u>259</u>	
		<u>260</u>	<u>261</u>	<u>262</u>	<u>264</u>	<u>265</u>	<u>266</u>	<u>268</u>	<u>272</u>	<u>295</u>	
		329	330	333	<u>348</u>	351	<u>352</u>	<u>353</u>	<u>354</u>	355	
		356	<u>360</u>	361	<u>362</u>	364	<u>374</u>	<u>384</u>	<u>385</u>	451	
		457	<u>460</u>	464	514	<u>538</u>	<u>539</u>	<u>540</u>	<u>544</u>	545	
		566	567	568	<u>576</u>	<u>580</u>	<u>581</u>	<u>582</u>	583	584	
		585	598	602	<u>615</u>	616	617	618	619	620	
		<u>621</u>	<u>634</u>								
Wind Velocity	3	8	<u>387</u>	561							

Table C.--Data Sets for Selected Geographical areas.

<u>Geographical Area</u>	<u>Data Set Number</u>								
Global	1	80	81	82	83	84	85	86	87
	88	89	90	91	93	94	96	114	115
	116	119	128	130	131	134	141	145	151
	153	164	169	195	211	216	223	230	239
	241	243	248	249	252	255	258	260	261
	262	271	273	274	278	283	293	297	298
	309	310	329	330	333	335	341	342	345
	347	348	357	358	360	362	363	364	365
	366	369	371	417	418	419	421	422	426
	427	429	432	433	436	448	456	463	498
	499	500	501	502	503	504	505	506	511
	513	532	538	539	540	546	549	550	552
	553	554	557	559	560	575	576	577	588
	589	590	591	592	593	594	597	598	599
	600	602	609	610	614	623	630	647	650
Northern Hemisphere	42	43	72	73	75	95	98	99	104
	105	106	107	108	110	111	112	113	117
	118	120	121	122	123	124	125	126	127
	142	219	221	275	277	279	281	282	284
	285	286	287	288	289	290	291	292	294
	295	296	300	301	302	303	304	306	312
	313	314	315	316	317	318	319	320	321
	322	323	324	325	326	327	328	331	332
	334	336	337	338	340	356	370	424	425
	428	435	437	466	467	468	469	470	472
	473	475	476	477	483	494	495	512	515
	516	518	519	520	529	533	534	535	536
	537	541	551	555	556	564	595	596	632
Southern Hemisphere	100	101	102	109	280	299	530		
North America	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19
	20	21	22	23	24	25	26	27	28
	29	30	31	32	33	34	35	36	37
	38	39	40	41	44	45	46	47	48
	49	50	51	52	53	54	55	56	57
	58	59	60	61	62	63	64	65	66
	67	68	69	70	71	74	75	76	77
	78	79	129	132	133	162	171	173	182
	184	185	208	224	229	234	236	237	244
	245	246	247	250	251	253	254	256	257
	259	263	264	265	266	267	268	269	270
	272	305	307	311	339	343	344	346	350
	351	352	359	361	372	373	374	375	376

North America (continued)	377	378	379	380	381	382	383	384	385
	386	387	388	389	390	391	392	393	394
	395	396	397	398	399	400	401	402	403
	404	405	406	407	408	409	410	411	412
	414	415	420	423	434	438	439	440	449
	450	451	452	453	457	458	459	460	461
	462	465	478	481	482	484	485	492	496
	508	509	510	514	566	567	568	569	570
	571	572	573	574	578	579	580	581	582
	583	584	585	586	587	605	606	607	608
	611	612	616	617	618	619	620	621	624
	625	626	627	628	629	631	633	634	635
	636	637	638	639	640	641	642	643	644
	645	646	648	649					
Central America	224	228							
South America	160	178	186	210	238				
Europe	139	144	147	154	155	156	157	158	159
	165	168	176	179	181	187	188	190	191
	194	197	199	201	202	205	206	213	215
	218	222	227	233	240	242	471		
Asia	137	140	146	161	167	170	172	177	180
	192	196	198	200	203	209	217	225	226
	354	355							
Africa	143	149	150	189	235	613			
Australia	207								
Antarctica	353	430	431	441	443	455	601	615	
North Atlantic Ocean	97	138	183	349	416	444	479	480	486
	487	488	493	517	527	531	545	558	562
South Atlantic Ocean	526								
North Pacific Ocean	92	193	276	330	367	489	490	491	507
	525	528	542	544	561	563	565	603	622
South Pacific Ocean	231	523	604						
Indian Ocean	220	497	522	548					
Arctic Ocean	135	152	174	413	442	445	446	447	454
	464								
Gulf of Mexico/Caribbean Sea	136	163	214	232	543				
Mediterranean Sea	103	148	166	175	212	521	524		

TABLE D

DATA HOLDING CENTERS BY COUNTRY

UNITED STATES SOURCES

U.S.NATIONAL OCEANOGRAPHIC DATA CENTER
ENVIRONMENTAL DATA & INFO.SERVICE,NOAA
3300 WHITEHAVEN STREET,N.W.
WASHINGTON, D.C. 20235
USA

PACIFIC MARINE ENVIRONMENTAL LABORATORY
ENVIRONMENTAL RESEARCH LABS,NOAA.
3711 15TH AVENUE,N.E.
SEATTLE,WA 98105
USA

SOUTHWEST FISHERIES CENTER
U.S.NAT'L MARINE FISHERIES SERVICE,NOAA
P.O.BOX 271
LA JOLLA,CA.92038
USA

NATIONAL OCEAN SURVEY
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
ROCKVILLE,MD.20852
USA

PACIFIC ENVIRONMENTAL GROUP
U.S.NAT'L MARINE FISHERIES SERVICE,NOAA
C/O FLEET OCEANOGRAPHIC CENTER
NAVAL POST GRADUATE SCHOOL
MONTEREY,CA.93940
USA

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
WASHINGTON,D.C. 20233
USA

SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER,NOAA
WASHINGTON,D.C. 20233
USA

NAVAL OCEAN RESEARCH & DVLPMNT ACTIVITY
SEA FLOOR DIVISION
NSTL STATION,MS.39529
USA

NAVAL UNDERWATER SYSTEMS CENTER
U.S. DEPARTMENT OF DEFENSE
NEW LONDON,CT 06320
USA

UNITED STATES SOURCES

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL
MONTEREY,CA.93940
USA

NATIONAL SPACE SCIENCE DATA CENTER
U.S.NATIONAL AERONAUTICS AND SPACE ADMIN
GODDARD SPACE FLIGHT CENTER
GREENBELT,MD.20771
USA

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE,NOAA
FEDERAL BUILDING
ASHVILLE,N.C.28801
USA

GEOPHYSICAL FLUID DYNAMICS LABORATORY
ENVIRONMENTAL RESEARCH LABS,NOAA
PRINCETON UNIVERSITY
P.O.BOX 308
PRINCETON,N.J.08540
USA

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
BOULDER,CO.80303
USA

NATIONAL METEOROLOGICAL CENTER
U.S.NATIONAL WEATHER SERVICE,NOAA
WASHINGTON,D.C. 20233
USA

U.S.GEOLOGICAL SURVEY
U.S. DEPARTMENT OF THE INTERIOR
437 NATIONAL CENTER
RESTON,VIRGINIA 22092
USA

WATER SUPPLY FORECASTING STAFF
SOIL CONSERVATION SERVICE,USDA
511 N-W BROADWAY,RM 510
PORTLAND,OR 97209
USA

NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE
5285 PORT ROYAL ROAD
SPRINGFIELD,VA.22161
USA

UNITED STATES SOURCES

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE
WASHINGTON,D.C. 20402
USA

GEOPHYSICAL MONITORING FOR CLIMATE CHNG
ENVIRONMENTAL RESEARCH LAB,R 329,NOAA
BOULDER,CO.80302
USA

U.S.NAVAL OCEANOGRAPHIC OFFICE
N.S.T.L. STATION
BAY ST.LOUIS,MS. 39522
USA

ALASKAN SEA ICE ADVISORY SERVICE
U.S. NATIONAL WEATHER SERVICE,NOAA
101 12TH AVE.,BOX 21
FAIRBANKS,AK.99701
USA

NOAA/USDA JOINT AGRICULTURAL WEATHER FAC
USDA SOUTH BUILDING, ROOM 3526
INDEPENDENCE AVENUE, S.W.
WASHINGTON,D.C.20250
USA

ATMOSPHERIC SCIENCES LABORATORY
U.S.ARMY ELECTRONICS COMMAND
WHITE SANDS MISSILE RANGE,N.M.88002
USA

U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR,VA.22060
USA

U.S.ARMY COLD REGION RESEARCH AND
ENGINEERING LABORATORY
HANOVER,N.H.03755
USA

BUREAU OF THE CENSUS
U.S. DEPARTMENT OF COMMERCE
WASHINGTON,D.C. 20233
USA

SOIL CONSERVATION SERVICE
U.S.DEPARTMENT OF AGRICULTURE
P.O.BOX 2890
WASHINGTON,D.C.20022
USA

UNITED STATES SOURCES

FOREIGN AGRICULTURAL SERVICE
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250
USA

FOREST RESOURCES AND ECONOMIC RESEARCH
U.S. FOREST SERVICE, USDA
WASHINGTON, D.C. 20013
USA

WORLD DATA CENTER A: ROCKETS & SATELLITES
GODDARD SPACE FLIGHT CENTER
CODE 601
GREENBELT, MD. 20771
USA

ENVIRONMENTAL TECHNICAL APPLICATIONS CTR
USAF AIR WEATHER SERVICE
BUILDING 859, STOP 825
SCOTT AFB, IL. 62225
USA

HYDROLOGIC DATA LABORATORY
AGRICULTURAL RESEARCH SERVICE, USDA.
BUILDING 007, RM 236
BELTSVILLE, MD. 20705
USA

MELLONICS SYSTEMS DEVELOPEMENT DIVISION
LITTON INDUSTRIES
MONTEREY, CA. 93940
USA

WESTERN ELECTRIC COMPUTER CENTER
AMERICAN TELEPHONE AND TELEGRAPH CO.
2400 REYNOLDA ROAD
WINSTON-SALEM, NC. 27106
USA

ILLINOIS STATE WATER SURVEY
BOX 232
CHAMPAIGN, IL. 61820
USA

SCRIPPS INSTITUTE OF OCEANOGRAPHY
NORPAX A-030
LA JOLLA, CA. 92093
USA

DEPARTMENT OF METEOROLOGY
THE UNIVERSITY OF HAWAII
HONOLULU, HI 96822

UNITED STATES SOURCES

UNIVERSITY OF ARIZONA
ENVIRONMENTAL RESEARCH LABORATORY
TUCSON, AZ. 85721
USA

DEPARTMENT OF ATMOSPHERIC SCIENCES
COLORADO STATE UNIVERSITY
FORT COLLINS, CO. 80521
USA

INSTITUTE OF ARCTIC AND ALPINE RESEARCH
UNIVERSITY OF COLORADO
BOULDER, CO. 80309
USA

LABORATORY FOR ATMOSPHERIC RESEARCH
UNIVERSITY OF ILLINOIS
6-109 C.S.L. BUILDING
URBANA, IL. 61801
USA

UNIVERSITY OF KANSAS
DEPT. OF GEOGRAPHY-METEOROLOGY
LAWRENCE, KS. 66045
USA

CANADIAN DATA SOURCES

PACIFIC BIOLOGICAL STATION
NANAIMO, BRITISH COLUMBIA V9T 1L4
CANADA

INSTITUTE OF OCEAN SCIENCES
PATRICIA BAY, VANCOUVER ISLAND
P.O. BOX 6000
SIDNEY, BRITISH COLUMBIA, V8L 4B2
CANADA

CANADA DEPT. OF ENERGY, MINES AND RESOURCE
GRAVITY AND GEODYN. DIV., EARTH PHYS. BR.
OTTAWA, ONTARIO K1A 0Y3
CANADA

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN ST.
DOWNSVIEW, ONTARIO M3H 5T4
CANADA

CANADIAN DATA SOURCES

DEPARTMENT OF AGRICULTURE AND FORESTRY
PRINCE EDWARD ISLAND
P.O. BOX 1600
CHARLOTTETOWN, PRINCE EDWARD IS., C1A 7N3
CANADA

PLANT INDUSTRY BRANCH
NEW BRUNSWICK AGRICULTURE
P.O. BOX 6000
FREDERICTON, NEW BRUNSWICK E3B 5H1
CANADA

WHITESHELL NUCLEAR RES. ESTABLISHMENT
PINAWA, MANITOBA
CANADA

CANADIAN PRAIRIE WEATHER CENTER
ATMOSPHERIC ENVIRONMENT SERVICE
266 GRAHAM AVENUE
WINNIPEG, MANITOBA R3C 3V4
CANADA

MANITOBA FOREST PROTECTION SERVICE
1495 ST. JAMES STR., WINNIPEG
MANITOBA R3H 0W9

GREAT LAKES FOREST RESEARCH CENTER
CANADIAN FORESTRY SERVICE
P.O. BOX 490
SAULT STE. MARIE, ONTARIO P6A 5M7
CANADA

CANADIAN METEOROLOGICAL CENTER
OPERATIONAL DEVELOPEMENT DIV.
2121 TRANS CANADA HIGHWAY
DORVAL, QUEBEC H9P 1J3
CANADA

NORTHERN FOREST RESEARCH CENTER
ENVIRONMENT CANADA
5320 122ND STREET
EDMONTON, ALBERTA T6H 3S5
CANADA

DEPARTMENT OF THE ENVIRONMENT
NEW BRUNSWICK
P.O. BOX 6000
FREDERICTON, NEW BRUNSWICK E3B 5H1
CANADA

INLAND WATERS DIRECTORATE
ENVIRONMENT CANADA
OTTAWA, ONTARIO K1A 0B7
CANADA

CANADIAN DATA SOURCES

NATIONAL HYDROLOGY INSTITUTE
ENVIRONMENT CANADA
OTTAWA, ONTARIO K1A 0N2
CANADA

AGRICULTURE CANADA
LAND RESOURCE INSTITUTE, AGROMET SECTION
BUILDING 74
OTTAWA, ONTARIO K1A 0C6
CANADA

PLANT INDUSTRY BRANCH
ALBERTA AGRICULTURE
AGRICULTURE BUILDING
9718 107TH STREET
EDMONTON, ALBERTA
CANADA

CANADIAN INDIAN AFFAIRS & NORTHERN DEVELOPMENT
NORTHERN AFFAIRS PROGRAM, WATER RESOURCES
WHITEHORSE, YUKON TERRITORY Y1A 3V1

SASKATCHEWAN POOL ELEVATOR CO. LTD.
REGINA, SASKATCHEWAN
CANADA

HALIFAX METEOROLOGY & OCEANOGRAPHY CNTR
CANADIAN MARITIME COMMAND
FMO HALIFAX, NOVA SCOTIA B3K 2X0
CANADA

SO METEOROLOGY & OCEANOGRAPHY
MARITIME FORCES PACIFIC (OF CANADA)
FMO VICTORIA, BRITISH COLUMBIA VOS 1B0
CANADA

FISHERIES AND OCEANS CANADA
MARITIME ENVIRONMENTAL DATA SERVICES
240 SPARKS ST., 7TH FLOOR WEST
OTTAWA, ONTARIO K1A 0E6
CANADA

CANADIAN HYDROLOGIC SERVICE
GEOSCIENCE MAPPING UNIT
615 BOOTH STREET
OTTAWA, ONTARIO K1A 0E6
CANADA

ONTARIO HYDROELECTRIC GENERATING CO.
700 UNIVERSITY AVENUE
TORONTO, ONTARIO
CANADA

CANADIAN DATA SOURCES

ONTARIO MINISTRY OF THE ENVIRONMENT
AIR RESOURCES BRANCH
4TH FLOOR
880 BAY STREET
TORONTO, ONTARIO
CANADA

POLAR CONTINENTAL SHELF PROJECT
CANADA DEPT. OF ENERGY, MINES & RESOURCES
CITY CENTRE TOWER
880 WELLINGTON STREET
OTTAWA, ONTARIO K1A 0E4
CANADA

AIR POLLUTION CONTROL DIRECTORATE, EPS
ENVIRONMENT CANADA
PLACE VINCENT MASSEY
HULL, QUEBEC K1A 1C8
CANADA

SOIL RESEARCH INSTITUTE
AGRICULTURE CANADA
OTTAWA, ONTARIO K1A 0C6
CANADA

LANDS DIRECTORATE
ENVIRONMENT CANADA
OTTAWA, ONTARIO K1A 0E7
CANADA

ICE CLIMATOLOGY OFFICE, CANADA
ATMOSPHERIC ENVIRONMENT SERVICE
TREBLA BUILDING
OTTAWA, ONTARIO K1A 0H3
CANADA

CANADIAN FOREST SERVICE
FOREST MANAGEMENT INSTITUTE
OTTAWA, ONTARIO K1A 0E7
CANADA

HERTZBURG INSTITUTE FOR ASTRONOMY
NATIONAL RESEARCH COUNCIL OF CANADA
OTTAWA, ONTARIO K1A 0R6
CANADA

FORINTEK CANADA CORPORATION
WESTERN FOREST PRODUCTS LABORATORY
6620 N.W. MARINE DRIVE
VANCOUVER, BRITISH COLUMBIA V6T 1X2
CANADA

CANADIAN DATA SOURCES

USER ADVISORY SERVICES DIVISION
STATISTICS CANADA
25 ST. CLAIR AVENUE, EAST
TORONTO, ONTARIO M4T 1M4
CANADA

GREGORY GEOSCIENCES LTD., CANADA
1750 COURTWOOD CRESENT
OTTAWA, ONTARIO K2C 2B5
CANADA

DEPT. OF GEOLOGICAL SCIENCES
BROCK UNIVERSITY (ONTARIO)
SAINT CATHERINES, ONTARIO L2S 3A1
CANADA

OTHER DATA SOURCES

DANSKE METEOROLOGISKE INSTITUT
LYNGBYVEJ 100
2106 KØBENHAVN Ø
DENMARK

MAX-PLANCK-INSTITUT FÜR METEOROLOGIE
BUNDESSTRASSE 55
2000 HAMBURG 13
FEDERAL REPUBLIC OF GERMANY

UNIVERSITY OF PADUA
VERONA, ITALY

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)
LONDON ROAD
BRACKNELL, BERKSHIRE RG12 2SZ
UNITED KINGDOM

UNIVERSITY OF EAST ANGLIA
SCHOOL OF ENVIRONMENTAL SCIENCES
CLIMATE RESEARCH UNIT
NORWICH
UNITED KINGDOM

Table E.--Abbreviations and Acronyms

	<u>Organization</u>
AES	Atmospheric Environment Service (of Environment Canada)
AFGWC	Air Force Global Weather Center
AMS	American Meteorological Society
ARL	Air Resources Laboratory (NOAA)
CCC	Canadian Climate Center (of AES Environment Canada)
CDA	Canadian Department of Agriculture Agriculture Canada
CRREL	Cold Regions Research and Engineering Laboratory (U.S. Army)
EDIS	Environmental Data and Information Service (NOAA)
ESSA	Environmental Science Service Administration (Predecessor to NOAA)
ETAC	Environmental Technical Applications Center (U.S. Air Force)
FNWC	Fleet Numerical Weather Center (U.S. Navy) Now Fleet Oceanographic Center
GFDL	Geophysical Fluid Dynamics Laboratory (NOAA)
GMCC	Geophysical Monitoring for Climatic Change (NOAA)
GPO	U.S. Government Printing Office
IHD	International Hydrologic Decade
NAVAER	Navy Aeronautics or Bureau of Navy Aeronautics
NAVOCEANO	Naval Oceanographic Office (U.S. Navy)
NCAR	National Center for Atmospheric Research

Organization

NCC	National Climatic Center (NOAA)
NESS	National Earth Satellite Service (NOAA)
NMC	National Meteorological Center (NOAA)
NMFS	National Marine Fisheries Service (NOAA)
NOAA	National Oceanic and Atmospheric Administration (U.S. Dept. Commerce)
NODC	National Oceanographic Data Center (NOAA)
NOO	Naval Oceanographic Office (U.S. Navy)
NORPAX	North Pacific Experiment (National Science Foundation Sponsored)
NOS	National Ocean Survey (NOAA)
NTIS	National Technical Information Service (U.S. Dept. Commerce)
PMEL	Pacific Marine Environmental Laboratory (NOAA)
SDSD	Satellite Data Services Division (NOAA)
USAF	U.S. Air Force
USGS	U.S. Geological Survey (U.S. Dept. Interior)
WBAN	Weather Bureau-Airforce-Navy (Jointly Used Observation Forms)
WHO	World Health Organization of the United Nations
USWB	U.S. Weather Bureau (Now the National Weather Service, NOAA)

Technical Terms

AERO	Pertaining to or Used for Aviation
CMB	Composite Minimum Brightness
CMT	Composite Maximum Temperature

Technical Terms

EASTTROPAC	Eastern Tropical Pacific Ocean
EROS	Earth Resources Observation Satellite or System (Landsat)
HRIR	High Resolution Infrared
IR	Infrared
ITOS	Improved Tiros Operational Satellite
KM	Kilometer
LANDSAT	Same as Earth Resources Observation Satellite (EROS)
LAT	Latitude
LONG	Longitude
LRIR	Low Resolution Infrared
MB	Millibar
MBT	Mechanical Bathythermograph
MET	Meteorological or Meteorology
METNET	Meteorological Network (Canadian)
METSTAT	Meteorological Stations (Canadian)
MRIR	Medium Resolution Infrared
OBS	Observations
PE	Potential Evaporation
PTS	Points
SEASAT	Sea Satellite Specifically for Ocean Data
SFC	Surface
STD	Standard
TEMP	Temperature

Technical Terms

TIROS	Television Infrared Observation Satellite
UA	Upper Air
UV	Ultraviolet
VHRR	Very High Resolution Radiometer
VIPR	Vertical Temperature Profile Radiometer
XBT	Expendable Bathythermograph

APPENDIX I

Other Information Sources

This catalog was designed as a quick reference to climate related data sets. The emphasis in this publication is on short, readable, standard lists of information. In the preparation of this catalog we have used several other catalogs to cross check the data set descriptions. Among the most useful of these publications were:

"Data Sets for Meteorological Research" by Roy L. Jenne. NCAR Technical Note/IA-111. National Center for Atmospheric Research, Boulder, CO 80303.

"Selective Guide to Climatic Data Sources" by K. D. Butson and W. L. Hatch. Key to Meteorological Records Documentation No. 4.11. National Climatic Center. Asheville, N.C. 28801.

"Inventory of Snow Cover and Sea Ice Data" Compiled by R. G. Crane, World Data Center-A for Glaciology (Snow and Ice). Institute of Arctic and Alpine Research. University of Colorado, Boulder, CO 80303.

General information about data and the exchange of data may be obtained from

World Data Center A
Coordination Office
National Academy of Sciences
2101 Constitution Avenue, N.W.
Washington, D.C., U.S.A. 20418

or from one of the seven subcenters:

Glaciology (Snow and Ice):

World Data Center A: Glaciology (Snow and Ice)
Institute of Arctic and Alpine Research
University of Colorado
Boulder, Colorado, U.S.A. 80309

Meteorology (and Nuclear Radiation):

World Data Center A: Meteorology
National Climatic Center
Federal Building
Asheville, North Carolina, U.S.A. 28801

Oceanography:

World Data Center A: Oceanography
National Oceanic and Atmospheric Administration
Washington, D.C., U.S.A. 20235

Rockets and Satellites:

World Data Center A: Rockets and Satellites
Goddard Space Flight Center
Code 601
Greenbelt, Maryland, U.S.A. 20771

Rotation of the Earth:

World Data Center A: Rotation of the Earth
U.S. Naval Observatory
Washington, D.C., U.S.A. 20390

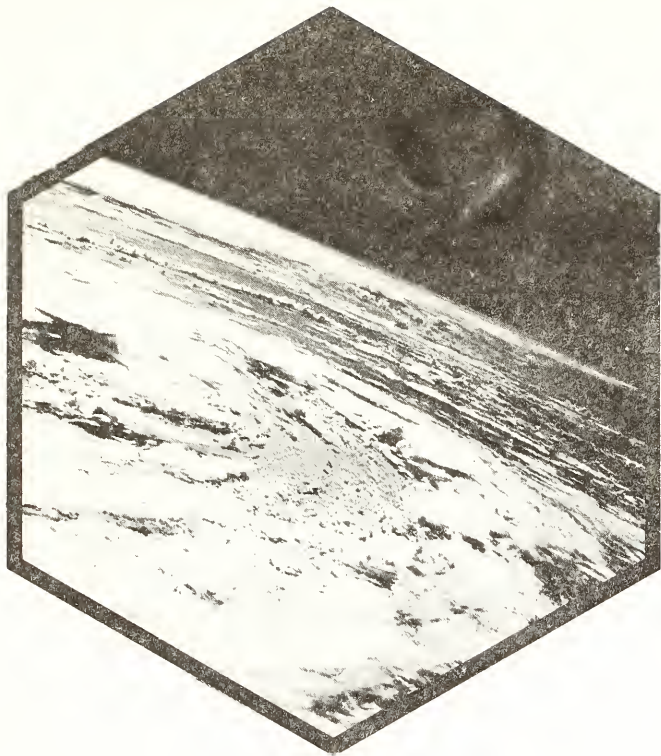
Solar-Terrestrial Physics (Solar and Interplanetary Phenomena, Ionospheric Phenomena, Flare-Associated Events, Geomagnetic Variations, Magnetospheric and Interplanetary Magnetic Phenomena, Aurora, Cosmic Rays, Airglow):

World Data Center A for Solar-Terrestrial Physics
Environmental Data and Information Service, NOAA
Boulder, Colorado, U.S.A. 80303

Solid-Earth Geophysics (Seismology, Tsunamis, Gravimetry, Earth Tides, Recent Movements of the Earth's Crust, Magnetic Measurements, Paleomagnetism and Archeomagnetism, Volcanology, Geothermics):

World Data Center A for Solid-Earth Geophysics
Environmental Data and Information Service, NOAA
Boulder, Colorado, U.S.A. 80303

APPENDIX II - Data Set Descriptions



Working Group

1

Basic Atmospheric Data

1

TITLE: GLOBAL LAND STATION DATA FOR PRESSURE, WIND HEIGHT, DENSITY, AND SPEED OF SOUND (1967 TO PRESENT).

PARAMETERS: PRESSURE, WIND SPEED, WIND DIRECTION, HEIGHT OF PRESSURE SURFACES, DENSITY (AIR), SOUND VELOCITY

PERIOD OF OBSERVATION: 14 YEARS

Start: JAN 1967

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL LAND-30 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 30 REELS, 9TK, 800BPI

REMARKS: STATION SORTED (1 TAPE PER STATION)

HOLDING CENTER:

PACIFIC BIOLOGICAL STATION

NANAIMO, BRITISH COLUMBIA V9T 1L4

DATA SET IDENTIFIER: 116

2

TITLE: STANDARD SURFACE WEATHER OBSERVATIONS AT SUMMER FIELD CAMPS IN THE CANADIAN ARCTIC ISLANDS (1974 TO 1978).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT

PERIOD OF OBSERVATION: 4 YEARS

Start: MAY 1974

End: SEP 1978

GEOGRAPHICAL AREA: CANADIAN ARCTIC ISLANDS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: DATA ARE IN FINAL PROCESSED FORM ORGANIZED BY STATION

HOLDING CENTER:

CANADA DEPT. OF ENERGY, MINES AND RESOURCE GRAVITY AND GEODYN. DIV., EARTH PHYS. BR.

DATA SET IDENTIFIER: 6

3

TITLE: SURFACE WEATHER OBSERVATIONS AT SUMMER FIELD CAMPS IN THE CANADIAN ARCTIC (1972 TO 1973).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT

PERIOD OF OBSERVATION: 1 YEAR

Start: MAY 1972

End: SEP 1973

GEOGRAPHICAL AREA: CANADIAN ARCTIC ISLANDS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE, 1600 BPI

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 5

4

TITLE: SPECIAL CLIMATE NETWORK, YUKON TERRITORY AND MACKENZIE DISTRICT, SUMMERS (1975 TO 1976).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, RELATIVE HUMIDITY, PRECIPITATION

PERIOD OF OBSERVATION: 1 YEAR

Start: JUN 1975

End: SEP 1976

GEOGRAPHICAL AREA: SOUTHERN YUKON AND SOUTHERN MACKENZIE DISTRICT, NORTHWEST TERRITORIES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 14 BOXES OF CARDS

REMARKS: MOBILE SURVEY DATA ARE ALSO AVAILABLE. DATA IS FOR THE GROWING SEASON (JUN-SEPT) ONLY.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 21

5

TITLE: ROUGE RIVER VALLEY TEMPERATURE AND WINDS, TORONTO, ONTARIO, CANADA (1968 TO 1969).

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 1 YEAR

Start: JUL 1968

End: JUL 1969

GEOGRAPHICAL AREA: ROUGE RIVER VALLEY, TORONTO, CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: TWO STATIONS, 1300 FT APART

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 20

6

TITLE: CANADIAN UPPER AIR SIGNIFICANT LEVEL DATA (1967 TO 1968).

PARAMETERS: TEMPERATURE, PRESSURE, RELATIVE HUMIDITY, CLOUD HEIGHT, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1967

End: DEC 1968

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE

REMARKS: MAXIMUM OF 35 STATIONS IN THE NETWORK

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 27

7

TITLE: SPECIAL CLIMATE STATIONS, NATIONAL CAPITOL REGION STUDY, OTTAWA, ONTARIO, CANADA (1976 TO 1978).

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, RELATIVE HUMIDITY, PRECIPITATION

PERIOD OF OBSERVATION: 2 YEARS

Start: JUL 1976

End: JUL 1978

GEOGRAPHICAL AREA: LAC PHILIPPE, MAECH LAKE, AND LAC LAPECHE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 19

8

TITLE: TALL TOWER (152M) MEASUREMENTS OF WINDS AND TEMPERATURES, ALBERTA, CANADA (1977 TO 1979).

PARAMETERS: TEMPERATURE, WIND VELOCITY

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1977

End: MAR 1979

GEOGRAPHICAL AREA: 50 KM NORTH OF FT. MCMURRAY, ALBERTA

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: DATA QUALITY: GOOD TO EXCELLENT.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 88

9

TITLE: SURFACE WIND DIRECTION (36 PT.), CANADA-WIDE (1971 TO 1973).

PARAMETERS: WIND DIRECTION

PERIOD OF OBSERVATION: 3 YEARS

Start: JAN 1971

End: DEC 1973

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFICHE

VOLUME: 302 MICROFICHE

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 61

10

TITLE: DAILY SOIL TEMPERATURES, 5 TO 300 CM DEPTH, CANADIAN STATIONS (1977 TO PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 4 YEARS

Start: JAN 1977

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: PUBLISHED QUARTERLY (12 ISSUES)

REMARKS: SOIL TEMPERATURES, 2/DAY AT THE SURFACE AND FROM 5-300CM DEPTH FOR 68 STATIONS IN CANADA.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 58

11

TITLE: TEMPERATURE AND PRECIPITATION DATA, JAMES BAY, CANADA (1972 TO 1975).

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRECIPITATION

PERIOD OF OBSERVATION: 4 YEARS

Start: JAN 1972

End: DEC 1975

GEOGRAPHICAL AREA: JAMES BAY HYDROELECTRIC PROJECT AREA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 18

12

TITLE: AES JOINT FREQUENCY DISTRIBUTION TABLES OF MIXING DEPTH PARAMETERS (1965 TO 1969).

PARAMETERS: ATMOSPHERE WIND SPEED, ATMOSPHERE WIND SPEED, WIND DIRECTION, ATMOSPHERE MAXIMUM MIXING HEIGHT, ATMOSPHERE MAXIMUM MIXING HEIGHT, ATMOSPHERE VENTILATION COEFFICIENT, ATMOSPHERE VENTILATION COEFFICIENT

PERIOD OF OBSERVATION: 4 YEARS

Start: JUL 1965

End: JUN 1969

GEOGRAPHICAL AREA: CANADA-33 STATIONS; U.S.A.-13 STATIONS

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MICROFICHE

VOLUME: 46 FICHE (1 PER STATION)

REMARKS: TABLES FOR EACH OF 33 STATIONS IN CANADA, 13 IN U.S.A. REFERENCE: POTELLI, R.V., MIXING HEIGHTS, WIND SPEEDS AND AIR POLLUTION POTENTIAL FOR CANADA, 1977, AES, CLIMATOLOGICAL STUDIES SERIES NO.31, DEC.1977. 87PP.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 38

13

TITLE: CANADIAN MEAN MONTHLY UPPER AIR DATA (1974 TO PRESENT).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, CLOUD HEIGHT, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADIAN AND U.S. BORDER STATIONS

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: CHARTS/MAPS

VOLUME: 2 BOOKS

REMARKS: ANALYZED MONTHLY MEANS FOR THE SURFACE, 850, 700, 500, 300, 200 150 AND 100 MB.SOME ANALYSIS AT 50MB AND 30MB ALSO.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 29

14

TITLE: STANDARD SURFACE WEATHER OBSERVATIONS FOR SHORT PERIODS IN SUMMER AT LAND AND OFFSHORE SITES THROUGHOUT THE CANADIAN ARCTIC (1970 TO 1978).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1970

End: DEC 1978

GEOGRAPHICAL AREA: CANADIAN ARCTIC ISLANDS AND SHELF AREAS.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG BOOK

VOLUME: UNKNOWN

REMARKS: DATA ARE MAINLY ON ORIGINAL DOCUMENTS, ORGANIZED AS TIME SERIES BY STATION. QUALITY VARIES FROM RAW TO CLEARED UP. VARIOUS INSTRUMENTATION AND OBSERVING FREQUENCIES USED DEPENDING ON SITE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 7

15

TITLE: TOWER WINDS - AES ENERGY AND APPLICATIONS BRANCH, ONTARIO, CANADA (1972 TO PRESENT).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: BALLANTRAE, TORONTO AND KEINBURG, ONTARIO

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 2000 CARDS/YR

REMARKS: DATA FROM THREE TOWERS. FREQUENT PERIODS OF MISSING DATA.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 15

16

TITLE: TEMPERATURE AND WEATHER OBSERVATIONS, TORONTO, ONTARIO, CANADA (1831 TO 1841).

PARAMETERS: TEMPERATURE, PRECIPITATION, WEATHER

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1831

End: APR 1841

GEOGRAPHICAL AREA: TORONTO, ONTARIO

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: LOG BOOK

VOLUME: 50 PAGES

REMARKS: DIARY OF REV.C.DADE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 16

17

TITLE: JOURNAL OF NEWSPAPER REPORTS OF CLIMATIC DATA FOR ANCASTER AND HAMILTON, ONTARIO, CANADA (1842 TO 1852).

PARAMETERS: TEMPERATURE, PRESSURE, WEATHER

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1842

End: JAN 1852

GEOGRAPHICAL AREA: ANCASTER AND HAMILTON, ONTARIO

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: LOG BOOK

VOLUME: 70 PAGES

REMARKS: SOME MONTHLY SUMMARIES AVAILABLE. OBSERVATIONS TAKEN AT 9 AM AND 9 PM.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 17

18

TITLE: CANADIAN UPPER AIR DATA (1969 TO 1978).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 12 MAGNETIC TAPES

REMARKS: MAXIMUM OF 41 STATIONS IN THE NETWORK

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 25

19

TITLE: WINNIPEG UPPER AIR MAPS (1945 TO 1956).

PARAMETERS: STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1945

End: DEC 1956

GEOGRAPHICAL AREA: MANITOBA AND SURROUNDING PROVINCES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM

VOLUME: 64 REELS MICROFILM

REMARKS: UPPER AIR CHARTS BECAME CONSTANT PRESSURE CHARTS AT 850, 700, 500, 300 AND 200 MB. IN 1954

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 11

20

TITLE: TORONTO MESO-METEOROLOGICAL NETWORK SURFACE OBSERVATIONS OF STANDARD METEOROLOGICAL DATA (1964 TO 1975).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1964

End: DEC 1975

GEOGRAPHICAL AREA: NETWORK WITHIN 75 KM RADIUS OF TORONTO, CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PAPER TAPE, STRIP CHART, MACHINE PRINTED HARD COPY

VOLUME: APPROXIMATELY 1000 CUBIC FEET

REMARKS: ACCESS BY INSPECTION ONLY

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 4

21

TITLE: CANADIAN UPPER AIR WIND DATA FOR STANDARD LEVELS (1955 TO 1968).

PARAMETERS: WIND SPEED, WIND DIRECTION, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 14 YEARS

Start: JAN 1955

End: DEC 1968

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE

REMARKS: MAXIMUM OF 60 STATIONS IN THE NETWORK

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 26

22

TITLE: AES, GANDER SURFACE AND UPPER AIR WEATHER MAPS (1940 TO 1954).

PARAMETERS: STANDARD SURFACE METEOROLOGY, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 15 YEARS

Start: JAN 1940

End: DEC 1954

GEOGRAPHICAL AREA: GANDER, NEWFOUNDLAND AND SURROUNDING AREA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM

VOLUME: 78 REELS OF MICROFILM

REMARKS: DATA POORLY ORGANIZED. USE ONLY IF ABSOLUTELY NECESSARY. NUMEROUS PROBLEMS.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 12

23

TITLE: AES, GANDER UPPER AIR MAPS (1940 TO 1954).

PARAMETERS: STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 15 YEARS

Start: JAN 1940

End: DEC 1954

GEOGRAPHICAL AREA: GANDER, NEWFOUNDLAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM

VOLUME: 78 REELS

REMARKS: UPPER AIR DATA AT 0300Z AND 1500Z; THREE PRESSURE LEVELS: 850, 700, AND 500 MB. DATA POORLY ORGANIZED.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 13

24

TITLE: CANADIAN UPPER AIR WIND DATA (1953 TO 1968).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 16 YEARS

Start: JAN 1953

End: DEC 1968

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: ONE MAGNETIC TAPE

REMARKS: WIND DATA FOR GEOPOTENTIAL LEVELS 0.5, 1.0, 1.5, 2.0, AND 3.0 KM AND EVERY WHOLE KM THEREAFTER.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 28

25

TITLE: TEN YEAR MEAN SURFACE WINDS AND WIND SPEED FREQUENCIES BY DIRECTION, CANADA (1955 TO 1972).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 18 YEARS

Start: JAN 1955

End: DEC 1972

GEOGRAPHICAL AREA: CANADA

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: MICROFICHE

VOLUME: 655 MICROFICHE

REMARKS: DATA FINAL. ALL STATIONS HAVE AT LEAST 10 YEARS OF DATA.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 64

26

TITLE: MONTHLY BULLETIN - CANADIAN UPPER AIR DATA (1959 TO 1976).

PARAMETERS: STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 18 YEARS

Start: JAN 1959

End: DEC 1976

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS
VOLUME: UNKNOWN

REMARKS: PUBLISHED DATA FOR 20 STANDARD PRESSURE LEVELS, TROPOPAUSE, FREEZING LEVELS AND MAXIMUM WIND LEVEL INFORMATION FOR 35 LOCATIONS THROUGHOUT CANADA.

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 30

27

TITLE: HOURLY RECORD OF SURFACE WIND MILEAGE, CANADIAN STATIONS (1963 TO PRESENT)

PARAMETERS: WIND SPEED

PERIOD OF OBSERVATION: 18 YEARS

Start: JAN 1963

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 7 TAPES, 1600 BPI

REMARKS: SAME DATA RETAINED IN DIFFERENT FORMAT IN METRIC UNITS. ORGANIZED BY STATION RECORD DOCUMENTATION AVAILABLE.

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 60

28

TITLE: ANNUAL MEAN SURFACE WINDS AND WIND SPEED FREQUENCIES BY DIRECTION, CANADA (1955 TO 1972).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 18 YEARS

Start: JAN 1955

End: DEC 1972

GEOGRAPHICAL AREA: CANADA

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: MICROFICHE

VOLUME: 655 MICROFICHE

REMARKS: ALL STATIONS HAVE AT LEAST 10 YEARS OF DATA.

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 63

29

TITLE: MONTHLY MEAN SURFACE WINDS AND WIND SPEED FREQUENCIES BY DIRECTION, CANADA (1955 TO 1972).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 18 YEARS

Start: JAN 1955

End: DEC 1972

GEOGRAPHICAL AREA: CANADA

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: MICROFICHE

VOLUME: 655 MICROFICHE

REMARKS: ALL STATIONS HAVE AT LEAST 10 YEARS OF DATA.

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 62

30

TITLE: DAILY MAXIMUM AND MINIMUM TEMPERATURES, PRECIPITATION AND HOURS OF SUNSHINE AT LONG LAC, ONTARIO, CANADA (1950 TO 1968).

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRECIPITATION, SNOWFALL, HOURS OF SUNSHINE

PERIOD OF OBSERVATION: 19 YEARS

Start: FEB 1950

End: DEC 1968

GEOGRAPHICAL AREA: LONG LAC, ONTARIO

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 10 BOUND VOLUMES

REMARKS: PRECIPITATION AND SUNSHINE DURATION ALSO RECORDED. DATA GATHERED BY KIMBERLY-CLARK OF CANADA LIMITED.

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 74

31

TITLE: CANADIAN ANNUAL MEANS OF TEMPERATURE, PRESSURE, VISIBILITY AND CLOUD AMOUNT (1953 TO 1972).

PARAMETERS: TEMPERATURE, PRESSURE, VISIBILITY, CLOUD TYPE

PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1953

End: DEC 1972

GEOGRAPHICAL AREA: CANADA

DATA TYPE: MEAN - YEARLY

Organization: NETWORK

MEDIA: MICROFICHE

VOLUME: 1315 MICROFICHE

REMARKS: HOURLY OBSERVATIONS; MONTHLY AND DECADAL MEANS; STANDARD DEVIATIONS ALSO AVAILABLE.

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 42

32

TITLE: CANADIAN MONTHLY MEANS OF SURFACE TEMPERATURE, PRESSURE, VISIBILITY AND CLOUD AMOUNT (1953 TO 1972).

PARAMETERS: TEMPERATURE, PRESSURE, VISIBILITY, CLOUD TYPE

PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1953

End: DEC 1972

GEOGRAPHICAL AREA: CANADA

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: MICROFICHE

VOLUME: 1315 MICROFICHE

REMARKS: HOURLY OBSERVATIONS; ANNUAL AND DECADEAL MEANS AND STANDARD DEVIATIONS ALSO AVAILABLE

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 41

33

TITLE: CANADIAN HOURLY MEANS OF SURFACE TEMPERATURE, PRESSURE, VISIBILITY AND CLOUD AMOUNT (1953 TO 1972).

PARAMETERS: TEMPERATURE, PRESSURE, VISIBILITY, CLOUD TYPE

PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1953

End: DEC 1972

GEOGRAPHICAL AREA: CANADA

DATA TYPE: HOURLY

Organization: NETWORK

MEDIA: MICROFICHE

VOLUME: 1315 MICROFICHE

REMARKS: MONTHLY AND DECADEAL MEANS AND STANDARD DEVIATION ALSO AVAILABLE.

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 40

34

TITLE: AES UPPER AIR STANDARD PRESSURE LEVEL DATA (1957 TO 1977).

PARAMETERS: PRESSURE, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1957

End: DEC 1977

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM

VOLUME: 145 REELS OF MICROFILM

REMARKS: DATA ORGANIZED BY STATION

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 32

35

TITLE: CANADIAN SOIL TEMPERATURE, SURFACE TO 3 METERS (1959 TO PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1959

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA-81 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE

REMARKS: 81 STATIONS, 68 ARE CURRENTLY ACTIVE.

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 57

36

TITLE: CANADIAN SURFACE HOURLY SUNSHINE RECORD (1959 TO PRESENT).

PARAMETERS: VISIBLE RADIATION

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1959

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 9 TAPES, 1600 BPI

REMARKS: RECORD DOCUMENTATION AVAILABLE

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 53

37

TITLE: CANADIAN TWICE-DAILY SOIL TEMPERATURE MEASUREMENTS, 5 TO 300 CM DEPTH (1958 TO PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 23 YEARS

Start: JAN 1958

End: CONTINUOUS

GEOGRAPHICAL AREA: 1 STATION IN ONTARIO IN 1957 TO 68 STATIONS IN CANADA IN 1978.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: PUBLISHED QUARTERLY (12 ISSUES)

REMARKS: REFERENCE: HANDBOOK OF CLIMATOLOGICAL DATA SOURCES OF THE AES CLIMATOLOGICAL STATION CATALOGUES, METSTAT, METNET.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 59

38

TITLE: GRIDDED SURFACE PRESSURE DATA FOR NORTHERN CANADA (1946 TO 1971).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 26 YEARS

Start: JAN 1946

End: DEC 1971

GEOGRAPHICAL AREA: ALL OF UPPER CANADA TO THE NORTH POLE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 REEL MAGNETIC TAPE

REMARKS: DATA SET ORIGINATED BY THE US NAVY. FREQUENCY VARIES FROM DAILY TO TWICE DAILY.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 8

39

TITLE: AES RAWINSONDE SPECIAL DATA (1954 TO 1978).

PARAMETERS: STANDARD SURFACE METEOROLOGY, TROPOPAUSE, LAYER THICKNESS, PRECIPITABLE WATER

PERIOD OF OBSERVATION: 27 YEARS

Start: JAN 1954

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA-49 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE

REMARKS: DOCUMENTATION AVAILABLE. DATA ARRANGED BY STATION CHRONOLOGICALLY. LEVEL OF MAXIMUM WIND ALSO GIVEN.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 35

40

TITLE: CANADIAN SURFACE WEATHER OBSERVATIONS (1953 TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, VISIBILITY, CLOUD COVER, CLOUD TYPE, WEATHER

PERIOD OF OBSERVATION: 28 YEARS

Start: JAN 1953

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA-372 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 189 TAPES, 1600 BPI

REMARKS: DATA ORGANIZED BY STATION.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 39

41

TITLE: AMERICAN CAN COMPANY SURFACE METEOROLOGICAL DATA, MARATHON, ONTARIO, CANADA (1950 TO PRESENT).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRECIPITATION, CLOUD COVER

PERIOD OF OBSERVATION: 31 YEARS

Start: JAN 1950

End: CONTINUOUS

GEOGRAPHICAL AREA: ABOUT 400 SQUARE MILES IN ONTARIO, CANADA

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 15 BOOKS

REMARKS: SINGLE STATION DATA, 5 DAYS A WEEK

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 84

42

TITLE: NORTHERN HEMISPHERE MONTHLY MEANS AND VARIANCES OF 500 MB HEIGHTS AND 1000-500 MB THICKNESSES (1949 TO 1979).

PARAMETERS: HEIGHT OF PRESSURE SURFACES, LAYER THICKNESS

PERIOD OF OBSERVATION: 32 YEARS

Start: JAN 1949

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: FLEXIBLE DISKS

VOLUME: UNKNOWN

REMARKS: MISSING DATA OVER THE PACIFIC OCEAN 1949-1965

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 14

43

TITLE: AES 500 MB HEIGHTS, NORTHERN HEMISPHERE (1945 TO 1977).

PARAMETERS: HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 33 YEARS

Start: JAN 1945

End: DEC 1977

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: PUNCHED CARDS

VOLUME: 762 CARDS

REMARKS: DATA OF GOOD QUALITY; LOCATIONS ARE NH GRID POINTS; ARRANGED IN TIME SERIES FOR CHRONOLOGICALLY LISTED BLOCKING OCCURRENCES. U.S. DATA AT 12 GMT. 1945-1968. GERMAN WEATHER SERVICE DATA AT 00Z. 1969-1977.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 22

44

TITLE: AES UPPER AIR STANDARD PRESSURE LEVEL DATA (1946 TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, STANDARD UPPER AIR METEOROLOGY, CLOUD CEILING HEIGHT

PERIOD OF OBSERVATION: 35 YEARS

Start: JAN 1946

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 12 REELS MAGNETIC TAPE, 1600 BPI

REMARKS: CARD DOCUMENTATION AVAILABLE. DATA ORGANIZED BY STATION IN CHRONOLOGICAL ORDER; 35 STATION INVENTORY AVAILABLE. DATA DIFFICULT TO PROCESS

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 34

45

TITLE: AES PILOT BALLOON OBSERVATIONS, CANADA WIDE (1945 TO PRESENT).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 36 YEARS

Start: JAN 1945

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA - 60 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 11 REELS, 35 MM MICROFILM

REMARKS: MAXIMUM OF 60 STATIONS, 35 MM MICRO FILM (1945 TO 1951); REMAINDER ORIGINAL DOCUMENTS.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 31

46

TITLE: UPPER AIR ADIABATIC CHARTS, CANADA (EARLY 1940'S TO PRESENT).

PARAMETERS: STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 41 YEARS

Start: JAN 1940

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM

VOLUME: 8190 ROLLS OF MICROFILM

REMARKS: MICROFILM OF ORIGINAL ADIABATIC CHARTS, ORIGINAL RETAINED FOR 5 YEARS

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 33

47

TITLE: WINNIPEG SURFACE WEATHER MAPS (1900 TO 1956).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 57 YEARS
 Start: JAN 1900
 End: DEC 1956
GEOGRAPHICAL AREA: WINNIPEG, CANADA
DATA TYPE: OBSERVED DATA
 Organization: NETWORK
MEDIA: MICROFILM
VOLUME: 64 REELS, MICROFILM
REMARKS: NONE
HOLDING CENTER:
 CANADIAN CLIMATE CENTER
 ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 10

48

TITLE: PUBLISHED MONTHLY RECORD OF METEOROLOGICAL OBSERVATIONS FOR CANADIAN SURFACE STATION NETWORK (1916 TO PRESENT).
PARAMETERS: ATMOSPHERE TEMPERATURE, LAND TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, EVAPORATION, PRECIPITATION, VISIBILITY, CLOUD TYPE, VISIBLE RADIATION, INCIDENT RADIATION
PERIOD OF OBSERVATION: 65 YEARS
 Start: JAN 1916
 End: CONTINUOUS
GEOGRAPHICAL AREA: CANADA
DATA TYPE: OBSERVED DATA
 Organization: NETWORK
MEDIA: MACHINE PRINTED HARD COPY
VOLUME: 1 BOOK/MONTH THROUGH 1976. 3 BOOKS/MONTH BEGAN 1977.
REMARKS: PUBLISHED FINAL DATA. ORGANIZED ALPHABETICALLY EITHER BY PROVINCE OR DISTRICT. DATA RECORDED IN METRIC UNITS BEGINNING JANUARY 1977.
HOLDING CENTER:
 CANADIAN CLIMATE CENTER
 ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 52

49

TITLE: CANADIAN HOURLY RAINFALL DATA (1914 TO PRESENT).
PARAMETERS: PRECIPITATION
PERIOD OF OBSERVATION: 67 YEARS
 Start: JAN 1914
 End: CONTINUOUS
GEOGRAPHICAL AREA: ONE STATION IN ONTARIO IN 1914 TO 510 THROUGHOUT CANADA IN 1978.

DATA TYPE: OBSERVED DATA

Organization: NETWORK
MEDIA: CHARTS/MAPS, LOG SHEETS/TABULATION FORMS/CODING FORMS
VOLUME: UNKNOWN
REMARKS: NONE
HOLDING CENTER:
 CANADIAN CLIMATE CENTER
 ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 49

50

TITLE: TORONTO WEATHER MAPS (1872 TO 1948).
PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, STORM TRACKS
PERIOD OF OBSERVATION: 77 YEARS
 Start: JAN 1872
 End: DEC 1948
GEOGRAPHICAL AREA: CITY OF TORONTO AND SURROUNDINGS
DATA TYPE: OBSERVED DATA
 Organization: NETWORK
MEDIA: MICROFILM
VOLUME: 179 MICROFILM REELS
REMARKS: OBSERVATIONS VARIED, MANY DIFFERENT TYPES AND HOURS,
HOLDING CENTER:
 CANADIAN CLIMATE CENTER
 ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 9

51

TITLE: HOURLY SUNSHINE SOURCE DOCUMENTS FOR CANADIAN STATIONS (1881 TO PRESENT)
PARAMETERS: SUNSHINE
PERIOD OF OBSERVATION: 100 YEARS
 Start: JAN 1881
 End: CONTINUOUS
GEOGRAPHICAL AREA: SIX STATIONS IN 1881 TO 311 IN 1978
DATA TYPE: OBSERVED DATA
 Organization: NETWORK
MEDIA: MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS
VOLUME: UNKNOWN
REMARKS: SOME DATA DERIVED FROM MAPS AND/OR NORMALS. FEW CHANGES IN OBSERVATIONAL METHOD. 6 STATIONS IN 1881 TO 311 IN 1978.
HOLDING CENTER:
 CANADIAN CLIMATE CENTER
 ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 54

52

TITLE: DAILY SUNSHINE DATA FOR CANADIAN STATIONS (1881 TO PRESENT).

PARAMETERS: HOURS OF SUNSHINE

PERIOD OF OBSERVATION: 100 YEARS

Start: JAN 1881

End: CONTINUOUS

GEOGRAPHICAL AREA: SIX STATIONS IN 1881 TO 311 IN 1978

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: SOME DATA DERIVED FROM MAPS AND/OR NORMALS. FEW CHANGES IN OBSERVATIONAL METHOD. 6 STATIONS IN 1881 TO 311 IN 1978.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 55

53

TITLE: MONTHLY SUNSHINE DATA FOR CANADIAN STATIONS (1881 TO PRESENT).

PARAMETERS: HOURS OF SUNSHINE

PERIOD OF OBSERVATION: 100 YEARS

Start: JAN 1881

End: CONTINUOUS

GEOGRAPHICAL AREA: SIX STATIONS IN 1881 TO 311 IN 1978

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: SOME DATA DERIVED FROM MAPS AND/OR NORMALS. FEW CHANGES IN OBSERVATIONAL METHOD. 6 STATIONS IN 1881 TO 311 IN 1978.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 56

54

TITLE: AES MONTHLY MEAN MAXIMUM AND MINIMUM TEMPERATURES AND TOTAL PRECIPITATION (1871 TO 1976).

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRECIPITATION, SNOWFALL

PERIOD OF OBSERVATION: 106 YEARS

Start: JAN 1871

End: DEC 1976

GEOGRAPHICAL AREA: CANADA

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: DISKS

VOLUME: 218, 986 WORDS

REMARKS: ESTIMATED VALUES INSERTED TO ACHIEVE CONTINUOUS RECORDS FOR EACH STATION OF 135 STATIONS. SOME STATION DATA FROM 1841.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 36

55

TITLE: CANADIAN PRECIPITATION (RAIN AND SNOW) DATA (1843 TO 1978).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 136 YEARS

Start: JAN 1843

End: DEC 1978

GEOGRAPHICAL AREA: 1 STATION IN ONTARIO IN 1843 TO 2000 THROUGHOUT CANADA IN 1978.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG BOOK, MICROFILM

VOLUME: UNKNOWN

REMARKS: MONTHLY AND ANNUAL DATA ALSO AVAILABLE.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 50

56

TITLE: AES STANDARD PRECIPITATION NETWORK DAILY RAINFALL/SNOWFALL (1843 TO PRESENT).

PARAMETERS: PRECIPITATION, SNOWFALL

PERIOD OF OBSERVATION: 138 YEARS

Start: JAN 1843

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 8 MAGNETIC TAPES. 1600 BPI

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 37

57

TITLE: HOURLY WEATHER SOURCE DOCUMENTS FOR THE CANADIAN PROVINCES (1840 TO 1978).

PARAMETERS: TEMPERATURE, WET BULB TEMPERATURE, RELATIVE HUMIDITY, VISIBILITY, CLOUD COVER, CLOUD TYPE

PERIOD OF OBSERVATION: 139 YEARS

Start: JAN 1840

End: DEC 1978

GEOGRAPHICAL AREA: ONE STATION IN ONTARIO IN 1840; 315 THROUGHOUT CANADA IN 1978.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 2378 REELS MICROFILM; DOCUMENTS-UNKNOWN

REMARKS: STATIONS INCREASED FROM ONE IN ONTARIO IN 1840 TO 315 THROUGHOUT CANADA IN 1978. FEW CHANGES IN OBSERVATIONAL METHODS. AT LEAST ONE OBSERVATION PER DAY. REFERENCES: HANDBOOK OF CLIMATOLOGICAL DATA SOURCES OF THE AES, CLIMATOLOGICAL STATION CATALOGUE, METSTAT AND METNET.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 43

58

TITLE: CANADIAN SURFACE METEOROLOGICAL OBSERVATIONS (1840 TO 1978).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, DEW POINT, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD TYPE

PERIOD OF OBSERVATION: 139 YEARS

Start: JAN 1840

End: DEC 1978

GEOGRAPHICAL AREA: ONE STATION IN ONTARIO IN 1840 TO 242 IN ALL OF CANADA IN 1978

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: AT LEAST 4 OBSERVATIONS/DAY, NOT TOO MANY CHANGES IN OBSERVATIONAL METHODS, BUT CHANGES IN THE NUMBER OF OBSERVING STATIONS.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 44

59

TITLE: CANADIAN DAILY MEAN SURFACE TEMPERATURES (1839 TO 1978).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 140 YEARS

Start: JAN 1839

End: DEC 1978

GEOGRAPHICAL AREA: ONE STATION IN ONTARIO IN 1840 TO OVER 3000 IN ALL OF CANADA IN 1978.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: HOURLY OBSERVATIONS. MONTHLY AND ANNUAL MEANS ALSO AVAILABLE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 46

60

TITLE: CANADIAN HOURLY SURFACE TEMPERATURES (1839 TO 1978).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 140 YEARS

Start: JAN 1839

End: DEC 1978

GEOGRAPHICAL AREA: ONE STATION IN ONTARIO IN 1840 TO OVER 3000 IN ALL OF CANADA IN 1978.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: DAILY, MONTHLY, ANNUAL AVERAGES ALSO AVAILABLE.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 45

61

TITLE: CANADIAN MONTHLY MEAN SURFACE TEMPERATURES (1839 TO 1978).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 140 YEARS

Start: JAN 1839

End: DEC 1978

GEOGRAPHICAL AREA: ONE STATION IN ONTARIO IN 1840 TO OVER 3000 IN ALL OF CANADA IN 1978.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: HOURLY OBSERVATIONS, DAILY AND ANNUAL MEANS ALSO AVAILABLE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 47

62

TITLE: CANADIAN ANNUAL MEAN SURFACE TEMPERATURES (1839 TO 1978).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 140 YEARS

Start: JAN 1839

End: DEC 1978

GEOGRAPHICAL AREA: ONE STATION IN ONTARIO IN 1840 TO OVER 3000 IN ALL OF CANADA IN 1978.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: HOURLY OBSERVATIONS, DAILY AND MONTHLY MEANS ALSO AVAILABLE.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 48

63

TITLE: HOURLY, DAILY, MONTHLY AND ANNUAL WINDS - SOURCE DOCUMENTS - FOR ALL CANADA (1840 TO PRESENT).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 141 YEARS

Start: JAN 1840

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: CHARTS/MAPS, MICROFILM, LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 65

64

TITLE: CANADIAN DAILY CLIMATOLOGICAL RECORD-SURFACE TEMPERATURE AND PRECIPITATION (1840 TO PRESENT)

PARAMETERS: TEMPERATURE, PRECIPITATION

PERIOD OF OBSERVATION: 141 YEARS

Start: JAN 1840

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA-5000 STATIONS ACTIVE-2000 TEMP. AND PRECIP., 500 PRECIP. ONLY.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 100 TAPES, 1600 BPI

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 51

65

TITLE: TEMPERATURE AND PRECIPITATION DATA FOR PRINCE EDWARD ISLAND, CANADA (1972 TO PRESENT).

PARAMETERS: TEMPERATURE, PRECIPITATION

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: PRINCE EDWARD ISLANDS, CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

DEPARTMENT OF AGRICULTURE AND FORESTRY
PRINCE EDWARD ISLAND

DATA SET IDENTIFIER: 98

66

TITLE: SUMMER SURFACE TEMPERATURE DATA FROM NEW BRUNSWICK AGRICULTURE PROJECTS (1977 TO 1979).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 2 YEARS

Start: MAY 1977

End: SEP 1979

GEOGRAPHICAL AREA: VARIOUS AGRICULTURE PROJECTS IN NEW BRUNSWICK

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN
REMARKS: NONE
HOLDING CENTER:
PLANT INDUSTRY BRANCH
NEW BRUNSWICK AGRICULTURE
DATA SET IDENTIFIER: 99

67

TITLE: WHITESHELL HOURLY SOIL TEMPERATURES,
PINAWA, MANITOBA, CANADA (1968 TO PRESENT).
PARAMETERS: LAND TEMPERATURE, ATMOSPHERE TEM-
PERATURE
PERIOD OF OBSERVATION: 13 YEARS
Start: JAN 1968
End: CONTINUOUS
GEOGRAPHICAL AREA: PINAWA, MANITOBA, CANADA
DATA TYPE: OBSERVED DATA
Organization: POINT
MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS,
MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, PAPER
TAPE
VOLUME: UNKNOWN
REMARKS: SOIL TEMPERATURE AT 01, 10, 50, 100 AND 200
CM BELOW THE SURFACE. MONTHLY MEANS ALSO
AVAILABLE.
HOLDING CENTER:
WHITESHELL NUCLEAR RES. ESTABLISHMENT
PINAWA, MANITOBA
DATA SET IDENTIFIER: 23

68

TITLE: WHITESHELL MONTHLY MEAN SOIL TEM-
PERATURES, PINAWA, MANITOBA, CANADA (1968 TO
PRESENT).
PARAMETERS: LAND TEMPERATURE, ATMOSPHERE TEM-
PERATURE
PERIOD OF OBSERVATION: 13 YEARS
Start: JAN 1968
End: CONTINUOUS
GEOGRAPHICAL AREA: WHITESHELL NUCLEAR RESEARCH
EST, PINAWA, MANITOBA, CANADA
DATA TYPE: MEAN - MONTHLY
Organization: POINT
MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS,
MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, PAPER
TAPE
VOLUME: UNKNOWN
REMARKS: SOIL TEMPERATURES AT 01, 10, 50, 100 AND
200CM BELOW THE SURFACE. HOURLY OBSERVATIONS
ALSO AVAILABLE.
HOLDING CENTER:
WHITESHELL NUCLEAR RES. ESTABLISHMENT
PINAWA, MANITOBA
DATA SET IDENTIFIER: 24

69

TITLE: TARCH - SYNOPTIC AND MID-SYNOPTIC AVIATION
WEATHER AND INTERPOLATED UPPER AIR DATA,
MANITOBA, ONTARIO, CANADA (AUGUST 1978 TO PRE-
SENT).
PARAMETERS: STANDARD SURFACE METEOROLOGY,
STANDARD UPPER AIR METEOROLOGY
PERIOD OF OBSERVATION: 2 YEARS
Start: AUG 1978
End: CONTINUOUS
GEOGRAPHICAL AREA: MANITOBA, CANADA
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: ONE TAPE
REMARKS: NONE
HOLDING CENTER:
CANADIAN PRAIRIE WEATHER CENTER
ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 92

70

TITLE: MANITOBA FORESTRY SURFACE WEATHER OBSER-
VATIONS, SUMMER PERIODS (1976 TO 1978).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 2 YEARS
Start: JUN 1976
End: SEP 1978
GEOGRAPHICAL AREA: FORESTED AREAS OF MANITOBA
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS
VOLUME: UNKNOWN
REMARKS: NONE
HOLDING CENTER:
MANITOBA FOREST PROTECTION SERVICE
1495 ST.JAMES STR., WINNIPEG
DATA SET IDENTIFIER: 89

71

TITLE: ONTARIO FIRE WEATHER DATA FOR THE MONTHS
APRIL TO SEPTEMBER (1963 TO PRESENT).
PARAMETERS: TEMPERATURE, WET BULB TEMPERATURE,
WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY,
PRECIPITATION, STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 18 YEARS
Start: APR 1963
End: CONTINUOUS
GEOGRAPHICAL AREA: ONTARIO, CANADA-90 TO 100 STA-
TIONS
DATA TYPE: OBSERVED DATA
Organization: NETWORK

MEDIA: PUNCHED CARDS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: NONE
HOLDING CENTER:
GREAT LAKES FOREST RESEARCH CENTER
CANADIAN FORESTRY SERVICE
DATA SET IDENTIFIER: 93

72

TITLE: NORTHERN HEMISPHERE SURFACE SYNOPTIC, RADIOSONDE, AIRCRAFT AND SATELLITE OBSERVATIONS (1979 TO PRESENT).
PARAMETERS: STANDARD SURFACE METEOROLOGY, STANDARD UPPER AIR METEOROLOGY, SATELLITE IMAGERY
PERIOD OF OBSERVATION: 2 YEARS
Start: JAN 1979
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, FLEXIBLE DISKS
VOLUME: 104 TAPES (1 TAPE/WEEK)
REMARKS: NONE
HOLDING CENTER:
CANADIAN METEOROLOGICAL CENTER
OPERATIONAL DEVELOPEMENT DIV.
DATA SET IDENTIFIER: 94

73

TITLE: CANADIAN METEOROLOGICAL CENTER'S NORTHERN HEMISPHERIC ANALYSES - MOST RECENT TWO YEARS.
PARAMETERS: WATER TEMPERATURE, ATMOSPHERE TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, STANDARD UPPER AIR METEOROLOGY, CLOUD CEILING HEIGHT
PERIOD OF OBSERVATION: 3 YEARS
Start: JAN 1978
End: CONTINUOUS
GEOGRAPHICAL AREA: QUASI-HEMISPHERIC: 51 X 55 POLAR STEREOGRAPHIC GRID
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, FLEXIBLE DISKS
VOLUME: 100 TAPES
REMARKS: MOST RECENT 2 YEARS OF GRIDDED DATA KEPT ON TAPE, GRID LENGTH 381 KM. DATA GIVEN AT THE SURFACE 1000, 850, 500, 400, 300, 250, AND 100MB.
HOLDING CENTER:
CANADIAN METEOROLOGICAL CENTER
OPERATIONAL DEVELOPEMENT DIV.
DATA SET IDENTIFIER: 95

74

TITLE: NORTH AMERICAN UPPER AIR THERMODYNAMIC ANALYSES (1963 TO 1977).
PARAMETERS: TEMPERATURE, CLOUD CEILING HEIGHT, PRECIPITABLE WATER
PERIOD OF OBSERVATION: 15 YEARS
Start: JAN 1963
End: DEC 1977
GEOGRAPHICAL AREA: NORTH AMERICA - POLAR STEREOGRAPHIC GRID
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, FLEXIBLE DISKS
VOLUME: 1 DISK, 1 MAGNETIC TAPE
REMARKS: DERIVED FROM AN NCAR DATA SET. GRID LENGTH 381 KM. DATA AT 1000, 850, 700, AND 500 MB.
HOLDING CENTER:
CANADIAN METEOROLOGICAL CENTER
OPERATIONAL DEVELOPEMENT DIV.
DATA SET IDENTIFIER: 97

75

TITLE: NORTHERN HEMISPHERIC 500 MB HEIGHT AND 1000-500 MB THICKNESS ANALYSES (1949 TO 1979).
PARAMETERS: CLOUD CEILING HEIGHT, LAYER THICKNESS
PERIOD OF OBSERVATION: 31 YEARS
Start: JAN 1949
End: DEC 1979
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE: TO 25N, 1949-1970; TO 15N, 1971-1979
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: FLEXIBLE DISKS
VOLUME: ONE DISK (1.6 MILLION WORDS)
REMARKS: GRID SIZE 5 DEGREE LATITUDE BY 10 DEGREE LONGITUDE. GRID SIZE VARIES WITH LATITUDE NORTH OF 70 DEGREE N.
HOLDING CENTER:
CANADIAN METEOROLOGICAL CENTER
OPERATIONAL DEVELOPEMENT DIV.
DATA SET IDENTIFIER: 96

76

TITLE: SUMMER MESOCLIMATE STUDY AT INVERNER, BRITISH COLUMBIA (1960 AND 1961).
PARAMETERS: WATER CONTENT, TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, RELATIVE HUMIDITY, EVAPORATION, PRECIPITATION, STANDARD SURFACE METEOROLOGY, COOLING DEGREE DAYS, HEATING DEGREE DAYS, AIR MASS CODES
PERIOD OF OBSERVATION: 1 YEAR
Start: MAY 1960
End: SEP 1961

GEOGRAPHICAL AREA: UPPER COLUMBIA RIVER VALLEY,
BRITISH COLUMBIA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS,
MACHINE PRINTED HARD COPY

VOLUME: 40FILES

REMARKS: NONE

HOLDING CENTER:
NORTHERN FOREST RESEARCH CENTER
ENVIRONMENT CANADA

DATA SET IDENTIFIER: 107

77

TITLE: SURFACE WEATHER OBSERVATIONS AND DROUGHT
INDEX AT FOREST RANGER STATIONS, ALBERTA,
CANADA (APRIL TO NOV, 1960).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIREC-
TION, DROUGHT SEVERITY INDEX, PRECIPITATION,
VISIBILITY, CLOUD COVER, VISIBLE RADIATION

PERIOD OF OBSERVATION: 2 YEARS

Start: APR 1960

End: NOV 1961

GEOGRAPHICAL AREA: ALBERTA FOREST RANGER STA-
TIONS - EASTERN FOOTHILLS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS,
STRIP CHART

VOLUME: 83 REPORT SHEETS

REMARKS: NONE

HOLDING CENTER:
NORTHERN FOREST RESEARCH CENTER
ENVIRONMENT CANADA

DATA SET IDENTIFIER: 108

78

TITLE: CLIMATE OF CLEAR-CUT FORESTED AREAS NEAR
HINTON, ALBERTA, CANADA, DURING SUMMER
MONTHS (1971 TO 1977).

PARAMETERS: WATER CONTENT, ATMOSPHERE TEM-
PERATURE, LAND TEMPERATURE, TEMPERATURE
MAXIMUM, TEMPERATURE MINIMUM, WIND SPEED,
WIND DIRECTION, RELATIVE HUMIDITY, SNOWFALL,
STANDARD SURFACE METEOROLOGY, SOLAR RADIA-
TION FLUX

PERIOD OF OBSERVATION: 6 YEARS

Start: MAY 1971

End: SEP 1977

GEOGRAPHICAL AREA: WITHIN 50KM OF HINTON, A FEW
STATIONS 20KM NORTH OF EDSON

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS,
PUNCHED CARDS

VOLUME: 100, 000 CARDS

REMARKS: TOTAL OF 110 STATIONS OPERATING MAY TO
SEPTEMBER. SUMMARIES OF DATA AND STATION LOCA-
TIONS TO SPRING 1975 IN STUDY PROGRESS REPORT
1975. SEE ALSO HYDROMETEROLOGY OF THE HINTON-
EDSON AREA, ALBERTA, CANADA, 1972 TO 1975.

HOLDING CENTER:
NORTHERN FOREST RESEARCH CENTER
ENVIRONMENT CANADA

DATA SET IDENTIFIER: 118

79

TITLE: CLIMATOLOGICAL DATA, MOUNT EISENHOWER,
MAY TO SEPTEMBER

PARAMETERS: ATMOSPHERE TEMPERATURE, LAND TEM-
PERATURE, GRASS MINIMUM TEMPERATURE,
PRESSURE, WIND SPEED, WIND DIRECTION, RELATIVE
HUMIDITY, VISIBILITY, STANDARD SURFACE
METEOROLOGY, CLOUD COVER, CLOUD TYPE, HOURS
OF SUNSHINE

PERIOD OF OBSERVATION: 11 YEARS

Start: MAY 1960

End: SEP 1971

GEOGRAPHICAL AREA: MT. EISENHOWER, 9390 FT.

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 12 ANNUAL FILES OF ORIGINAL SHEET OR
CHARTS

REMARKS: NONE

HOLDING CENTER:
NORTHERN FOREST RESEARCH CENTER
ENVIRONMENT CANADA

DATA SET IDENTIFIER: 177

80

TITLE: SURFACE WEATHER OBSERVATIONS OVER LAND,
GLOBAL (1930 TO 1960).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 31 YEARS

Start: JAN 1930

End: DEC 1960

GEOGRAPHICAL AREA: GLOBAL LAND STATIONS
EXCLUDING THE U.S.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 5800 REELS OF MAGNETIC TAPE

REMARKS: GLOBAL (EXCLUDING U.S.) LAND COVERAGE;
8500 STATIONS. OBSERVATIONS GENERALLY 3-
HOURLY, BUT SOME 1- AND 2-HOURLY.

HOLDING CENTER:
PACIFIC MARINE ENVIRONMENTAL LABORATORY
ENVIRONMENTAL RESEARCH LABS, NOAA.

DATA SET IDENTIFIER: 76

81

TITLE: ATMOSPHERIC TEMPERATURE SOUNDINGS FROM
SATELLITE VERTICAL TEMPERATURE PROFILE
RADIOMETER(VTPR), GLOBAL (1972 TO 1974).

PARAMETERS: TEMPERATURE, STANDARD UPPER AIR
METEOROLOGY

PERIOD OF OBSERVATION: 2 YEARS

Start: OCT 1972

End: NOV 1974

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: APPROX. 2 DAYS/TAPE

REMARKS: DERIVED TEMPERATURES. PROFILES CO-
LOCATED WITH THE SETS OF ALL VTPR RADIANCES AND
CLEAR COLUMN RADIANCES FOR THE PERIOD OF
RECORD.

HOLDING CENTER:

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 432

82

TITLE: ATMOSPHERIC SOUNDING DATA FROM NIMBUS 5,
GLOBAL. (1973 TO 1975).

PARAMETERS: TEMPERATURE, STANDARD UPPER AIR
METEOROLOGY, CLOUD COVER, PRECIPITABLE WATER,
INFRARED RADIATION

PERIOD OF OBSERVATION: 3 YEARS

Start: FEB 1973

End: DEC 1975

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 125 MAGNETIC TAPES.

REMARKS: THIS SOUNDING DATA SET ALSO CONTAINS
GLOBAL ANALYSES OF SURFACE AND MULTILAYER
TEMPERATURES AND STRATOSPHERIC RADIANCE.

HOLDING CENTER:

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 435

83

TITLE: SATELLITE CLOUD WIND DATA, GLOBAL (1974 TO
PRESENT).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 6 YEARS

Start: AUG 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: ONE WIND PER 5 LAT. X 3 LONG. SQUARE FOR
EACH CLOUD LAYER. VARIOUS STATIONARY
SATELLITES.

HOLDING CENTER:

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 433

84

TITLE: MONTHLY MEAN GRID OF SEA SURFACE TEM-
PERATURE(FROM SATELLITE DATA), GLOBAL (1973 TO
PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 7 YEARS

Start: SEP 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: MEAN - MONTHLY

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 64 X 64 GRID FOR EACH HEMISPHERE.
VHRR(VERY HIGH RESOLUTION RADIOMETER) DATA
CORRECTED FOR ATMOSPHERIC MOISTURE DERIVED
FROM VTPR(VERTICAL TEMPERATURE PROFILE
RADIOMETER).

HOLDING CENTER:

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 446

85

TITLE: SATELLITE SEA SURFACE TEMPERATURE DATA,
GLOBAL. (1972 TO PRESENT).

PARAMETERS: TEMPERATURE, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 8 YEARS

Start: DEC 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: CLOUD FREE REGIONS OF THE
GLOBAL OCEANS

DATA TYPE: DERIVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE PER MONTH

REMARKS: NONE

HOLDING CENTER:
NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
DATA SET IDENTIFIER: 434

86

TITLE: GRIDDED IR DATA FROM NOAA-1 SATELLITE,
GLOBAL (1971).
PARAMETERS: SATELLITE IMAGERY
PERIOD OF OBSERVATION: 0 YEARS
Start: APR 1971
End: JUL 1971
GEOGRAPHICAL AREA: GLOBAL
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: 5 LAT. X 5 LONG. GRID. DATA ALSO AT NCAR.
HOLDING CENTER:
SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA
DATA SET IDENTIFIER: 526

87

TITLE: GRIDDED INFRARED DATA FROM ITOS-1 SATELLITE,
GLOBAL (1970 TO 1971).
PARAMETERS: SATELLITE IMAGERY
PERIOD OF OBSERVATION: 1 YEAR
Start: JUN 1970
End: APR 1971
GEOGRAPHICAL AREA: GLOBAL
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: 1 TAPE/DAY
REMARKS: 2048 X 2048 DATA GRID FOR EACH
HEMISPHERE. DATA NOISY AND BADLY CALIBRATED.
HOLDING CENTER:
SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA
DATA SET IDENTIFIER: 525

88

TITLE: GRIDDED IR DATA FROM TIROS-7 SATELLITE,
GLOBAL (1963-1964)
PARAMETERS: SATELLITE IMAGERY
PERIOD OF OBSERVATION: 1 YEAR
Start: JAN 1963
End: JUN 1964

GEOGRAPHICAL AREA: GLOBAL
DATA TYPE: DERIVED DATA

Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: 5 LAT X 5 LONG GRID AVERAGED IR DATA. WIN-
DOW IR CHANNEL
HOLDING CENTER:
SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA
DATA SET IDENTIFIER: 544

89

TITLE: LARGE SCALE SATELLITE VISUAL AND INFRARED
DATA, GLOBAL (1973-1974)
PARAMETERS: SATELLITE IMAGERY
PERIOD OF OBSERVATION: 2 YEARS
Start: JUN 1973
End: DEC 1974
GEOGRAPHICAL AREA: GLOBAL
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: GLOBAL GRID OF 125 X 125 POINTS PER
HEMISPHERE.
HOLDING CENTER:
SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA
DATA SET IDENTIFIER: 520

90

TITLE: SATELLITE SCANNER IR AND VISIBLE IMAGERY
DATA, GLOBAL (1973-1974)
PARAMETERS: SATELLITE IMAGERY
PERIOD OF OBSERVATION: 2 YEARS
Start: JAN 1973
End: DEC 1974
GEOGRAPHICAL AREA: GLOBAL
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: 3 TAPES PER DAY
REMARKS: GLOBAL GRID 2048 X 2048 PTS PER
HEMISPHERE.
HOLDING CENTER:
SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA
DATA SET IDENTIFIER: 522

91

TITLE: MESOSCALE SATELLITE INFRARED AND VISIBLE IMAGERY DATA, GLOBAL (1973-1974)

PARAMETERS: SATELLITE IMAGERY

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1973

End: DEC 1974

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: GLOBAL GRID 512 X 512 PTS PER HEMISPHERE; MAXIMUM AND MINIMUM VISIBLE AND INFRARED BRIGHTNESS ARE GIVEN

HOLDING CENTER:

SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA

DATA SET IDENTIFIER: 523

92

TITLE: MOVIE LOOPS OF DAYTIME CLOUD PICTURES (ATS-1 SATELLITE), PACIFIC OCEAN REGION (1969 TO 1972).

PARAMETERS: SATELLITE IMAGERY

PERIOD OF OBSERVATION: 3 YEARS

Start: JUN 1969

End: OCT 1972

GEOGRAPHICAL AREA: PACIFIC OCEAN HEMISPHERE CENTERED ON 151 W.

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: FILM/MOVIE

VOLUME: UNKNOWN

REMARKS: THE CLOUD HEIGHTS HAVE BEEN ESTIMATED FROM CLOUD TYPES

HOLDING CENTER:

SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA

DATA SET IDENTIFIER: 496

93

TITLE: LOW RESOLUTION INFRARED RADIATION DATA (ESSA 5, 7, 9), GLOBAL (1967-1970)

PARAMETERS: SATELLITE IMAGERY

PERIOD OF OBSERVATION: 3 YEARS

Start: MAY 1967

End: APR 1970

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 30 TAPES

REMARKS: THESE DATA ARE INCLUDED WITH DATA FROM ITOS-1 AND NOAA-1 SATELLITES (4/70-5/71).

HOLDING CENTER:

SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA

DATA SET IDENTIFIER: 521

94

TITLE: RELATIVE CLOUD COVER FROM SATELLITE BRIGHTNESS DATA, GLOBAL (1967-1970)

PARAMETERS: CLOUD COVER, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 4 YEARS

Start: JAN 1967

End: DEC 1970

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: TAPES; 1 CLOUD ATLAS

REMARKS: REFERENCE: MILLER, DONALD B., AND ROBERT G. FEDDES, 1971: GLOBAL ATLAS OF RELATIVE CLOUD COVER, 1967-1970. NOAA/NESS (U.S. DEPT. OF COMMERCE) AND NCC, ASHEVILLE, NC.

HOLDING CENTER:

SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA

DATA SET IDENTIFIER: 524

95

TITLE: MOVIE LOOPS OF DAYTIME CLOUD PICTURES (ATS-3 SATELLITE), WESTERN HEMISPHERE (1970 TO 1974).

PARAMETERS: WIND SPEED, CLOUD HEIGHT, CLOUD COVER, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 5 YEARS

Start: JUN 1970

End: DEC 1974

GEOGRAPHICAL AREA: ATLANTIC OCEAN NORTH AND SOUTH AMERICA

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: FILM/MOVIE

VOLUME: UNKNOWN

REMARKS: THE CLOUD HEIGHTS HAVE BEEN ESTIMATED FROM CLOUD TYPES

HOLDING CENTER:

SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA

DATA SET IDENTIFIER: 497

96

TITLE: DAILY 2 PM MESOSCALE BRIGHTNESS(FROM SATELLITE VIDICON), GLOBAL GRID (1967-1972)

PARAMETERS: BRIGHTNESS, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1967

End: OCT 1972

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 690 TAPES APPROX.

REMARKS: 512 X 512 POINTS PER HEMISPHERE, APPROX. 5 GREY SCALE LEVELS ON THESE TAPES

HOLDING CENTER:

SATELLITE DATA SERVICE DIVISION D56

U.S.NATIONAL CLIMATIC CENTER, NOAA

DATA SET IDENTIFIER: 527

97

TITLE: MOVIE LOOPS OF DAY AND NIGHT CLOUD COVER PICTURES (SMS-1 SATELLITE), ATLANTIC REGION (1974 TO PRESENT).

PARAMETERS: WIND SPEED, CLOUD HEIGHT, CLOUD COVER, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 7 YEARS

Start: MAY 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: ATLANTIC OCEAN NORTH AND SOUTH AMERICA

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: FILM/MOVIE

VOLUME: UNKNOWN

REMARKS: CENTERED ON EQUATOR 40W, JUNE-SEPT 1974; CENTERED 75W AFTER NOV. 1974. CALCULATED VIEW 81.3 DEG SURROUNDING SUBPOINT. THE CLOUD HEIGHTS HAVE BEEN ESTIMATED FROM CLOUD TYPES AND ASSOCIATED CLIMATOLOGICAL KNOWLEDGE OF THE OPERATORS. WIND SPEED CAN BE CALCULATED FROM SUCCESSIVE MOVIE LOOP FRAMES.

HOLDING CENTER:

SATELLITE DATA SERVICE DIVISION D56

U.S.NATIONAL CLIMATIC CENTER, NOAA

DATA SET IDENTIFIER: 498

98

TITLE: HEIGHT OF TROPOPAUSE AND FREEZING LEVEL, NORTHERN HEMISPHERE GRID (1969 TO 1972).

PARAMETERS: STANDARD UPPER AIR METEOROLOGY, TROPOPAUSE, FREEZE DATA

PERIOD OF OBSERVATION: 4 YEARS

Start: JAN 1969

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER

U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 640

99

TITLE: SURFACE MARINE WIND GRID DATA, NORTHERN HEMISPHERE, (1975 TO PRESENT).

PARAMETERS: WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEAN AREAS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 49 X 144 GRID, 257 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER

U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 636

100

TITLE: TEMPERATURES 1000 MB-100 MB, SOUTHERN HEMISPHERE GRID, (1974-PRESENT).

PARAMETERS: TEMPERATURE, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: SOUTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. LEVELS: 1000, 925, 850, 700, 500, 400, 300, 250, 200, 150 AND 100 MB.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER

U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 671

101

TITLE: SURFACE PRESSURE GRID ANALYSIS, SOUTHERN HEMISPHERE, (1974-PRESENT).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: SOUTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 644

102

TITLE: GRID HEIGHTS 1000-100MB, SOUTHERN HEMISPHERE, (1974 TO PRESENT).

PARAMETERS: HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: SOUTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 381 KM RESOLUTION, (63 X 63 GRID ASSUMED).
HEIGHT LEVELS: 1000, 925, 850, 700, 500, 400, 300, 250,
200, 150 AND 100 MB.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 681

103

TITLE: SURFACE PRESSURE GRID ANALYSIS, MEDITERRANEAN AREA (1974 TO PRESENT).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: MEDITERRANEAN SEA AND SURROUNDING AREA

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 95 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 662

104

TITLE: TEMPERATURES, 850, 500, 300 MB LEVELS, NORTHERN HEMISPHERE GRID (1973 TO PRESENT).

PARAMETERS: TEMPERATURE, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 49 X 144 GRID, 257 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 667

105

TITLE: DERIVED (U AND V) WIND COMPONENTS, NORTHERN HEMISPHERE GRID (1973 TO PRESENT).

PARAMETERS: WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 49 X 144 GRID, 257 KM RESOLUTION. LEVELS:
700, 400, 250, 200 MB. WIND VELOCITY IS BROKEN UP
INTO ITS U AND V COMPONENTS.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 690

106

TITLE: SURFACE PRESSURE GRID ANALYSIS, NORTHERN HEMISPHERE, (1972-PRESENT).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 125 X 125 GRID, 190 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S. NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 646

107

TITLE: SURFACE PRESSURE GRID ANALYSIS, NORTHERN HEMISPHERE, (1971-PRESENT).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1971

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 49 X 144 GRID, 257 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S. NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 645

108

TITLE: SURFACE PRESSURE GRID ANALYSIS, NORTHERN HEMISPHERE, (1962-1971).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1962

End: DEC 1971

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S. NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 638

109

TITLE: SURFACE AIR TEMPERATURES, SOUTHERN HEMISPHERE GRID, (1970-PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1970

End: CONTINUOUS

GEOGRAPHICAL AREA: SOUTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 KM GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S. NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 635

110

TITLE: SURFACE MARINE WIND GRID DATA, NORTHERN HEMISPHERE, (1969-PRESENT).

PARAMETERS: WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEAN AREAS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MICROFILM, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 381 KM RESOLUTION. MICROFILM DATA (2/DAY) FROM 1970.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S. NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 637

111

TITLE: UPPER AIR 1000-500MB THICKNESS, NORTHERN HEMISPHERE GRID (1969 TO PRESENT).

PARAMETERS: LAYER THICKNESS

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN
REMARKS: 63 X 63 GRID, 381 KM RESOLUTION.
HOLDING CENTER:
FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL
DATA SET IDENTIFIER: 677

112

TITLE: GRID HEIGHTS, 925-10MB, NORTHERN HEMISPHERE
(1969 TO PRESENT).
PARAMETERS: HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY
PERIOD OF OBSERVATION: 12 YEARS
Start: JAN 1969
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. HEIGHTS:
925, 250, 150, 100, 50, 30, AND 10 MB.
HOLDING CENTER:
FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL
DATA SET IDENTIFIER: 674

113

TITLE: UPPER AIR TEMPERATURES, 925-10MB, NORTHERN
HEMISPHERE GRID, (1969-PRESENT).
PARAMETERS: TEMPERATURE, STANDARD UPPER AIR
METEOROLOGY
PERIOD OF OBSERVATION: 12 YEARS
Start: JAN 1969
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. LEVELS:
925, 250, 150, 100, 50, 30, 10 MB. THIS SET COMPLEMENTS
NH TEMP SET 1000 MB-200 MB.
HOLDING CENTER:
FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL
DATA SET IDENTIFIER: 670

114

TITLE: LAND STATION SURFACE WEATHER OBSERVATIONS,
GLOBAL (1966 TO PRESENT).
PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 15 YEARS
Start: JAN 1966
End: CONTINUOUS
GEOGRAPHICAL AREA: GLOBAL LAND STATIONS
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: COMPLEMENTS SHIP SFC MET OBS FOR SAME
PERIOD AND TYPE
HOLDING CENTER:
FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL
DATA SET IDENTIFIER: 652

115

TITLE: RAWINSONDE OBSERVATIONS, GLOBAL (1966 TO
PRESENT).
PARAMETERS: STANDARD UPPER AIR METEOROLOGY
PERIOD OF OBSERVATION: 15 YEARS
Start: JAN 1966
End: CONTINUOUS
GEOGRAPHICAL AREA: GLOBAL
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: NONE
HOLDING CENTER:
FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL
DATA SET IDENTIFIER: 651

116

TITLE: SHIP SURFACE WEATHER OBSERVATIONS, GLOBAL
(1966 TO PRESENT).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 15 YEARS
Start: JAN 1966
End: CONTINUOUS
GEOGRAPHICAL AREA: GLOBAL OCEANS
DATA TYPE: OBSERVED DATA
Organization: TRACKLINE
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: COMPLEMENTS SET OF SFC MET OBS FOR LAND
STATIONS.
HOLDING CENTER:
FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL
DATA SET IDENTIFIER: 653

117

TITLE: SURFACE AIR AND TERRAIN LEVEL TEMPERATURES, NORTHERN HEMISPHERE GRID (1965 TO PRESENT).

PARAMETERS: TEMPERATURE, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 16 YEARS

Start: MAY 1965

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 688

118

TITLE: SURFACE VAPOR PRESSURE, NORTHERN HEMISPHERE, (1965-PRESENT).

PARAMETERS: VAPOR PRESSURE

PERIOD OF OBSERVATION: 16 YEARS

Start: MAY 1965

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 634

119

TITLE: SHIP SURFACE WEATHER OBSERVATIONS, GLOBAL (1956 TO 1971).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 16 YEARS

Start: JAN 1956

End: DEC 1971

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 649

120

TITLE: UPPER AIR DEWPOINT TEMPERATURES, 1000 MB TO 300 MB, NORTHERN HEMISPHERE GRID (1964 TO PRESENT).

PARAMETERS: DEW POINT, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 17 YEARS

Start: JAN 1964

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. LEVELS: SURFACE, 1000, 925, 850, 700, 500, 400 AND 300MB.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 669

121

TITLE: UPPER AIR TEMPERATURES, 1000-200 MB, NORTHERN HEMISPHERE GRID (1962 TO PRESENT).

PARAMETERS: TEMPERATURE, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 19 YEARS

Start: JAN 1962

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. TEMP LEVELS: 1000, 850, 700, 500, 400, 300, 200 MB. COMPLEMENTS LATER SET 925 MB-10 MB.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 668

122

TITLE: UPPER AIR GRID HEIGHTS, 1000-200MB, NORTHERN HEMISPHERE (1962 TO PRESENT).

PARAMETERS: HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 19 YEARS

Start: JAN 1962

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. LEVELS: 1000, 850, 700, 500, 400, 300, AND 200 MB. 1000 AND 500 MB LEVEL DATA BEGIN 1946, OTHER LEVELS NEAR 1962.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 673

123

TITLE: SURFACE PRESSURE GRID ANALYSIS, NORTHERN HEMISPHERE, (1962-PRESENT).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 19 YEARS

Start: JAN 1962

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MICROFILM

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 641

124

TITLE: GRID HEIGHTS - 500 AND 300 MB LEVELS, NORTHERN HEMISPHERE (1962 TO PRESENT).

PARAMETERS: HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 19 YEARS

Start: JAN 1962

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MICROFILM

VOLUME: UNKNOWN

REMARKS: 63 X 63 KM GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 680

125

TITLE: HOURLY SURFACE WEATHER OBSERVATIONS, NORTHERN HEMISPHERE, (1945 TO 1970).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 26 YEARS

Start: JAN 1945

End: DEC 1970

GEOGRAPHICAL AREA: U.S. MILITARY STATIONS, NORTHERN HEMISPHERE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 648

126

TITLE: UA GRID HEIGHTS, 1000 AND 500MB LEVELS, NORTHERN HEMISPHERE (1946 TO PRESENT).

PARAMETERS: HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 35 YEARS

Start: NOV 1945

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. FROM 1962 ONWARD THIS SET IS PART OF A LARGER SET OF NORTHERN HEMISPHERE UPPER AIR HEIGHTS AND TEMPERATURES.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 672

127

TITLE: SURFACE PRESSURE GRID ANALYSIS, NORTHERN HEMISPHERE, (1946-PRESENT).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 35 YEARS

Start: JAN 1946

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 647

128

TITLE: SHIP SURFACE WEATHER OBSERVATIONS, GLOBAL
(BY MARSDEN SQUARES) (1845 TO 1971).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 118 YEARS

Start: JAN 1854

End: DEC 1971

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: TIME SEQUENCE WITHIN MARSDEN SQUARES.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 650

129

TITLE: CLIMATIC SUMMARY OF THE UNITED STATES (1930 EDITION)

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION, SNOWFALL, STANDARD SURFACE METEOROLOGY, FREEZE DATA, NO. DAYS OF PRECIP.>.01 INCHES, SOLAR RADIATION

PERIOD OF OBSERVATION: UNKNOWN

Start: UNKNOWN

End: DEC 1930

GEOGRAPHICAL AREA: 105 CLIMATOLOGICAL AREAS OF U.S., PUERTO RICO, AND VIRGIN ISLANDS.

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 107 ISSUES

REMARKS: CLIMATE DATA FOR ALASKA AND HAWAII NOT INCLUDED.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 485

130

TITLE: CLIMATIC BRIEFS FOR MORE THAN 400 AIR FORCE BASES THROUGHTOUT THE WORLD (1979 EDITION)

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, VAPOR PRESSURE, PRECIPITATION, SNOWFALL, STANDARD SURFACE METEOROLOGY, CLOUD COVER, NO. DAYS OF PRECIP.>.01 INCHES

PERIOD OF OBSERVATION: UNKNOWN

Start: UNKNOWN

End: DEC 1979

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: ONE PAGE CLIMATOLOGICAL SUMMARY/STATION

REMARKS: MEANS AND EXTREMES DATA PRESENTED FOR SEVERAL AVERAGING PERIODS. FLYING WEATHER STATISTICS INCLUDED.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 513

131

TITLE: CLIMATES OF THE WORLD (1969 EDITION)

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRECIPITATION

PERIOD OF OBSERVATION: UNKNOWN

Start: UNKNOWN

End: DEC 1969

GEOGRAPHICAL AREA: AT LEAST ONE LOCATION IN EACH COUNTRY THROUGHTOUT THE WORLD

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 1 PUBLICATION

REMARKS: STARTING DATES, ENDING DATES, LENGTH OF RECORD VARY FROM STATION TO STATION.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 514

132

TITLE: CLIMATIC ATLAS OF THE UNITED STATES (1968 EDITION).

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, EVAPORATION, PRECIPITATION, SNOWFALL, STANDARD SURFACE METEOROLOGY, CLOUD COVER, HEATING DEGREE DAYS, FREEZE DATA, NO. DAYS OF PRECIP.>.01 INCHES, SOLAR RADIATION

PERIOD OF OBSERVATION: UNKNOWN

Start: UNKNOWN

End: DEC 1968

GEOGRAPHICAL AREA: UNITED STATES

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 1 ATLAS

REMARKS: INDIVIDUAL ANALYSES WERE ORIGINALLY PREPARED AS SEPARATE SHEETS, THEN BOUND INTO A SINGLE ATLAS. INDIVIDUAL SHEETS ARE STILL AVAILABLE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 515

133

TITLE: CLIMATE GUIDES FOR 6 UNITED STATES CITIES (ISSUED 1956 TO 1962).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, WIND SPEED, DEW POINT, RELATIVE HUMIDITY, PRECIPITATION, SNOWFALL, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT, COOLING DEGREE DAYS, HEATING DEGREE DAYS, SOLAR RADIATION

PERIOD OF OBSERVATION: UNKNOWN

Start: UNKNOWN

End: DEC 1962

GEOGRAPHICAL AREA: SELMA, AL., BALTIMORE, MD., NEW YORK, NY., SEATTLE, WA., CHICAGO, IL., HOUSTON, TX.

DATA TYPE: DERIVED DATA

Organization: POINT

MEDIA: PUBLICATION

VOLUME: 6 GUIDES

REMARKS: CITY AND ISSUE DATA FOR GUIDES: SELMA AND BALTIMORE-1956 NEW YORK-1958, SEATTLE-1961, CHICAGO AND HOUSTON-1962. ANNUAL WIND ROSE AND SUNRISE/SUNSET DATA ALSO INCLUDED. PERIOD OF RECORD GREATER THAN 20 YEARS.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 505

134

TITLE: LOW RESOLUTION INFRARED RADIATION DATA (ITOS-1, NOAA-1), (1970 TO 1971).

PARAMETERS: SATELLITE IMAGERY

PERIOD OF OBSERVATION: 1 YEAR

Start: MAR 1970

End: MAY 1971

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 760,000 BITS/DAY

REMARKS: ITOS-1 (3/70-7/70); NOAA-1 (2/71-5/71). THIS DATA SET JOINS A SIMILAR LRIR SET FROM ESSA-5, 7, 9 FOR 1967-1970.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 529

135

TITLE: CLIMATOLOGICAL DATA FOR ARCTIC STATIONS (1951 TO 1958).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, WIND SPEED, DROUGHT SEVERITY INDEX, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT, CLOUD COVER

PERIOD OF OBSERVATION: 2 YEARS

Start: JUL 1957

End: DEC 1958

GEOGRAPHICAL AREA: 2 DRIFTING ARCTIC STATIONS

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUBLICATION

VOLUME: 1 VOLUME

REMARKS: DAILY SUMMARIES ALSO INCLUDE THE NUMBER OF OBSERVATIONS WITH OCCURRENCES OF WEATHER. DATA REPRESENTS THE FIRST OF A THREE VOLUME SERIES.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 455

136

TITLE: WIND, PRESSURE, AND WAVE DATA FROM OIL PLATFORMS IN THE GULF OF MEXICO (1968 TO 1971).

PARAMETERS: WAVE AMPLITUDE, WAVE DIRECTION, WAVE PERIOD, PRESSURE, WIND SPEED, WIND DIRECTION, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 3 YEARS

Start: OCT 1968

End: NOV 1971

GEOGRAPHICAL AREA: E-W LINE 90 KM SOUTH OF LOUISIANA-MISSISSIPPI COAST.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 6 OFFSHORE OIL PLATFORMS. SEVERAL HURRICANES PASSED OVER THE NETWORK.

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 441

137

TITLE: JAPANESE SURFACE OBSERVATIONS (1949-1952)
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 3 YEARS
Start: JAN 1949
End: JAN 1952
GEOGRAPHICAL AREA: JAPAN
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 1, 356, 000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 291

138

TITLE: CANARY ISLAND SURFACE OBSERVATIONS (1947 TO 1949).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 3 YEARS
Start: JAN 1947
End: DEC 1949
GEOGRAPHICAL AREA: CANARY ISLANDS
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 12, 000 CARDS
REMARKS: GENERAL OBSERVATIONS, SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 294

139

TITLE: WEST GERMAN HOURLY SURFACE OBSERVATIONS (1955 TO 1958).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 4 YEARS
Start: JAN 1955
End: DEC 1958
GEOGRAPHICAL AREA: WEST GERMANY

DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 168, 000 CARDS
REMARKS: SURFACE AND HOURLY OBSERVATIONS
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 250

140

TITLE: CANTON SURFACE OBSERVATIONS (1935 TO 1938).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 4 YEARS
Start: JAN 1935
End: DEC 1938
GEOGRAPHICAL AREA: CANTON, CHINA
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 12, 000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 297

141

TITLE: NMC OBJECTIVE UPPER AIR ANALYSES, GLOBAL (1976 TO PRESENT).
PARAMETERS: TEMPERATURE, WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT, RELATIVE HUMIDITY, STANDARD UPPER AIR METEOROLOGY
PERIOD OF OBSERVATION: 5 YEARS
Start: JAN 1976
End: CONTINUOUS
GEOGRAPHICAL AREA: GLOBAL
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: 2800 REELS
REMARKS: NORTHERN HEMISPHERE ANALYSIS AVAILABLE FROM 1962
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 87

142

TITLE: THREE-DIMENSIONAL NEPHANALYSIS, NORTHERN HEMISPHERE, (1971-1975).

PARAMETERS: CLOUD HEIGHT, CLOUD COVER, CLOUD TYPE, WEATHER

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1971

End: DEC 1975

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 60 X 1.726 X 10 EXP 9 BITS/YR-HEMISPHERE

REMARKS: GRID RESOLUTION: 25NM AT 45 LAT. 15 LAYERS SFC-55, 000 FT.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 693

143

TITLE: CONGOLESE SURFACE OBSERVATIONS(1957-1961)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1957

End: DEC 1961

GEOGRAPHICAL AREA: CONGO

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 254

144

TITLE: BRITISH SURFACE OBSERVATIONS (1942-1946)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1942

End: DEC 1946

GEOGRAPHICAL AREA: GREAT BRITAIN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 266

145

TITLE: BRITISH OVERSEAS SURFACE DATA (1949 TO 1953).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1949

End: DEC 1953

GEOGRAPHICAL AREA: GLOBAL OBSERVATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 180, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 234

146

TITLE: INDIAN SURFACE OBSERVATIONS (1944 TO 1948).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1944

End: DEC 1948

GEOGRAPHICAL AREA: INDIA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 210

147

TITLE: SWEDISH SURFACE OBSERVATIONS(1953 TO 1959).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1955

End: DEC 1959

GEOGRAPHICAL AREA: SWEDEN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS
VOLUME: 132, 000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 262

148

TITLE: NORTH FRONT GIBRALTAR SURFACE OBSERVATIONS (1958-1962)
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 5 YEARS
Start: JAN 1958
End: DEC 1962
GEOGRAPHICAL AREA: GIBRALTAR STRAIT
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 246

149

TITLE: SOUTH AFRICAN SURFACE OBSERVATIONS (1955 TO 1959).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 5 YEARS
Start: JAN 1955
End: DEC 1959
GEOGRAPHICAL AREA: SOUTH AFRICA
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 196

150

TITLE: EAST AFRICAN SURFACE OBSERVATIONS(1957-1961)
PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1957

End: DEC 1961

GEOGRAPHICAL AREA: EASTERN AFRICA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 248

151

TITLE: ROCKETSONDE OBSERVATIONS, GLOBAL (1975 TO PRESENT).
PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY, DENSITY (AIR)
PERIOD OF OBSERVATION: 5 YEARS
Start: SEP 1975
End: CONTINUOUS
GEOGRAPHICAL AREA: GLOBAL, NORTHERN AND SOUTHERN HEMISPHERES
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: 1825 OBS/YEAR FOR 48 STATIONS
REMARKS: NONE
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 698

152

TITLE: CLIMATOLOGICAL DATA FOR ARCTIC STATIONS (1966 TO 1971).
PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, WIND SPEED, DROUGHT SEVERITY INDEX, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT, CLOUD COVER
PERIOD OF OBSERVATION: 5 YEARS
Start: JUN 1966
End: APR 1971
GEOGRAPHICAL AREA: 2 DRIFTING ARCTIC STATIONS
DATA TYPE: OBSERVED DATA
Organization: POINT
MEDIA: PUBLICATION
VOLUME: 2 VOLUMES

REMARKS: DATA REPRESENTS THE SECOND AND THIRD VOLUMES OF A THREE VOLUME SERIES OF PUBLICATIONS. VOLUMES NUMBERS 2 & 3 CONTAIN DATA FROM JUNE 1966-MAY 1968 AND JANUARY 1968-APRIL 1971 RESPECTIVELY. DAILY SUMMARIES INCLUDE THE NUMBER OF OBSERVATIONS

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 476

153

TITLE: UPPER AIR ANALYSIS DATA SET(SURFACE - 10MB), GLOBAL, (1971-1976).

PARAMETERS: TEMPERATURE, PRESSURE, WIND MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT, DEW POINT, HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1971

End: DEC 1976

GEOGRAPHICAL AREA: GLOBAL, (NORTHERN AND SOUTHERN HEMISPHERES AND TROPICAL BELT).

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: AFGWC COARSE MESH GRID, 200NM AT 60 N/S. SOUTHERN HEMISPHERE DATA FROM 1/72. SETS JOIN AT 20N AND 20S. LEVELS: SURFACE, 1000, 850, 700, 500, 400, 300, 250, 200, 150, 100, 70, 50, 30, 20, 10MB. DEW POINTS: SURFACE TO 300MB.

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 694

154

TITLE: BULLETIN SURFACE OBSERVATIONS, SOVIET UNION (1932 TO 1937).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1932

End: DEC 1937

GEOGRAPHICAL AREA: RUSSIA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 214

155

TITLE: PORTUGUESE SURFACE OBSERVATIONS (1948 TO 1953).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1948

End: DEC 1953

GEOGRAPHICAL AREA: PORTUGAL

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 192, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 204

156

TITLE: LAURIE ISLAND SURFACE OBSERVATIONS (1905-1910)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1905

End: DEC 1910

GEOGRAPHICAL AREA: LAURIE ISLAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL SURFACE OBSERVATIONS. SPECIFIC MEASUREMENTS TAKEN ARE NOT KNOWN.

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 388

157

TITLE: ITALIAN SURFACE OBSERVATIONS (1951-1956)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1951

End: DEC 1956

GEOGRAPHICAL AREA: ITALY

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 348, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 226

158

TITLE: NORWEGIAN SURFACE OBSERVATIONS (1949 TO 1955).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 7 YEARS
Start: JAN 1949
End: DEC 1955

GEOGRAPHICAL AREA: NORWAY
DATA TYPE: OBSERVED DATA

Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 144, 000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 227

159

TITLE: ALBANIAN SURFACE OBSERVATIONS(1956-1962)
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 7 YEARS
Start: JAN 1956
End: DEC 1962

GEOGRAPHICAL AREA: ALBANIA
DATA TYPE: OBSERVED DATA
Organization: NETWORK

MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 256

160

TITLE: ARGENTINE SURFACE OBSERVATIONS (1939 TO 1945).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 7 YEARS
Start: JAN 1939
End: DEC 1945
GEOGRAPHICAL AREA: ARGENTINA

DATA TYPE: OBSERVED DATA

Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 108, 000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 208

161

TITLE: MALAYA SURFACE OBSERVATIONS (1947 TO 1953).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 7 YEARS
Start: JAN 1947
End: DEC 1953

GEOGRAPHICAL AREA: MALAYA
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 211

162

TITLE: NORD-GREENLAND SURFACE OBSERVATIONS (1948 TO 1955).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 7 YEARS
Start: JAN 1949
End: DEC 1955

GEOGRAPHICAL AREA: NORTH GREENLAND
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 244

163

TITLE: WEST INDIES HOURLY SURFACE OBSERVATIONS (1958-1964)
PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1958

End: DEC 1964

GEOGRAPHICAL AREA: WEST INDIES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: HOURLY SURFACE OBSERVATIONS

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 287

164

TITLE: MONTHLY AND ANNUAL BIVARIATE DISTRIBUTION
OF DRYBULB VERUS DEWPOINT TEMPERATURES,
GLOBAL (1939-1945)

PARAMETERS: TEMPERATURE, DEW POINT

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1939

End: DEC 1945

GEOGRAPHICAL AREA: GLOBAL 90 STATIONS

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 553

165

TITLE: IRANIAN GENERAL SURFACE OBSERVATIONS (1948
TO 1955).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1948

End: DEC 1955

GEOGRAPHICAL AREA: IRAN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASURE-
MENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 242

166

TITLE: JORDAN SURFACE OBSERVATIONS (1953-1960)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1953

End: DEC 1960

GEOGRAPHICAL AREA: JORDAN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASURE-
MENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 224

167

TITLE: THAILAND SURFACE OBSERVATIONS (1943 TO
1952).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS.

Start: JAN 1943

End: DEC 1952

GEOGRAPHICAL AREA: THAILAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASURE-
MENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 207

168

TITLE: BELGIUM SURFACE OBSERVATIONS (1949 TO 1956).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1949

End: DEC 1956

GEOGRAPHICAL AREA: BELGIUM

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 132, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASURE-
MENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 206

169

TITLE: RADIOSONDE OBSERVATIONS AND DERIVED ATMOSPHERIC INDICES, GLOBAL (1973 TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY, CLOUD CEILING HEIGHT, CLOUD COVER, CLOUD TYPE, LAYER THICKNESS, PRECIPITABLE WATER

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL BY HEMISPHERE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: STANDARD UPPER AIR DATA PLUS INDICES FOR STABILITY, TURBULENCE, WIND SHEAR AND THERMAL WIND DIRECTION AND SPEED. HEIGHT MEASURED AT ALL STANDARD PRESSURE LEVELS.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 684

170

TITLE: PAKISTAN AERO OBSERVATIONS (1952 TO 1960).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1952

End: DEC 1960

GEOGRAPHICAL AREA: PAKISTAN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 219

171

TITLE: CANADIAN SYNOPTIC OBSERVATIONS(1955-1963)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1955

End: DEC 1963

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 1, 069, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 247

172

TITLE: HONG KONG AERO OBSERVATIONS (1948 TO 1956).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1948

End: DEC 1956

GEOGRAPHICAL AREA: HONG KONG

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 144, 000 CARDS

REMARKS: AERO OBSERVATIONS

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 251

173

TITLE: CLIMATOLOGY OF RESORT AREAS (1963 TO 1972).

PARAMETERS: TEMPERATURE, PRECIPITATION, SNOW-FALL, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1963

End: DEC 1972

GEOGRAPHICAL AREA: 36 RESORT LOCATIONS IN THE UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: EACH ISSUE-4 TO 6 PAGES

REMARKS: STATES INCLUDE AK, AR, GA, IN, KY, MI, NJ, NM, NY, NC, OR, PA, PR, SC, TX, VA, WV. ALL ISSUES CARRY A NARRATIVE DESCRIPTION OF THE TOPOGRAPHY AND GENERAL, SPECIFIC CLIMATIC CONDITIONS AS THEY RELATE TO HEALTH AND VACATION ADVANTAGES

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 487

174

TITLE: EUROPEAN ARCTIC SURFACE OBSERVATIONS (1952 TO 1961).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1952

End: DEC 1961

GEOGRAPHICAL AREA: ARCTIC OCEAN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 108, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 257

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175

TITLE: ISRAEL SURFACE OBSERVATIONS (1951 TO 1960).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1951

End: DEC 1960

GEOGRAPHICAL AREA: ISRAEL

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS, SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 245

176

TITLE: TURKISH SURFACE OBSERVATIONS (1929 TO 1938).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1929

End: DEC 1938

GEOGRAPHICAL AREA: TURKEY

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 24, 000 CARDS

REMARKS: GENERAL OBSERVATIONS, SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 299

177

TITLE: MACAO SURFACE OBSERVATIONS (1952 TO 1961).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1952

End: DEC 1961

GEOGRAPHICAL AREA: MACAO, CHINA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 303

178

TITLE: ARGENTINA SYNOPTIC OBSERVATIONS(1958-1967)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1958

End: DEC 1967

GEOGRAPHICAL AREA: ARGENTINA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 290

179

TITLE: NORWEGIAN SURFACE OBSERVATIONS (1951 TO 1960).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1951

End: DEC 1960

GEOGRAPHICAL AREA: NORWAY

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 253

180

TITLE: INDONESIA SURFACE OBSERVATIONS (1955 TO 1964).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1955

End: DEC 1964

GEOGRAPHICAL AREA: INDONESIA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 221

181

TITLE: FRENCH BULLETIN OBSERVATIONS (1950 TO 1959).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1950

End: DEC 1959

GEOGRAPHICAL AREA: FRANCE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 222

182

TITLE: SUPPLEMENT TO PREVIOUS EDITIONS OF CLIMATIC SUMMARY OF THE UNITED STATES (1951 TO 1960)

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, EVAPORATION, PRECIPITATION, SNOWFALL, STANDARD SURFACE METEOROLOGY, COOLING DEGREE DAYS, HEATING DEGREE DAYS, NO. DAYS OF PRECIP.>.01 INCHES

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1951

End: DEC 1960

GEOGRAPHICAL AREA: 105 CLIMATOLOGICAL SECTIONS OF U.S., PUERTO RICO AND VIRGIN ISLANDS.

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: DATA FOR 1960-1976 CAN BE SUPPLIED AS PAPER COPY OR ON MICROFICHE.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 503

183

TITLE: ICELAND SURFACE OBSERVATIONS (1949-1958)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1949

End: DEC 1958

GEOGRAPHICAL AREA: ICELAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 228, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 249

184

TITLE: CLIMATOGRAPHY OF THE UNITED STATES, AIRPORT CLIMATOLOGICAL (MEANS & EXTREMES) SUMMARY (1965-1974)

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, PRECIPITATION, SNOWFALL, VISIBILITY, CLOUD CEILING HEIGHT, CLOUD COVER, WEATHER, COOLING DEGREE DAYS, HEATING DEGREE DAYS

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1965

End: DEC 1974

GEOGRAPHICAL AREA: 163 U.S. AIRPORTS

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 1 ISSUE/AIRPORT

REMARKS: THESE MONTHLY SUMMARIES ARE BASED ON THE CLIMATOGRAPHY OF THE UNITED STATES NO. 82, SUMMARY OF HOURLY OBSERVATIONS.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 511

185

TITLE: CLIMATOGRAPHY OF THE UNITED STATES, STATISTICAL SUMMARY OF HOURLY OBSERVATIONS(1951-1960)

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION, VISIBILITY, CLOUD CEILING HEIGHT, CLOUD COVER

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1951

End: DEC 1960

GEOGRAPHICAL AREA: SELECTED CITIES IN ALL 50 STATES OF U.S.

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, MICROFICHE

VOLUME: UNKNOWN

REMARKS: SUMMARIES ARRANGED AS CONDITIONAL PROBABILITIES. A SIMILAR SERIES CLIMATOGRAPHY OF THE UNITED STATES NO. 30- SUMMARY OF HOURLY OBSERVATIONS, COVERS 1949-1954.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 507

186

TITLE: CHILEAN SURFACE OBSERVATIONS (1935 TO 1945).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1935

End: DEC 1945

GEOGRAPHICAL AREA: CHILE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 120, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 209

187

TITLE: NETHERLANDS SURFACE OBSERVATIONS (1949 TO 1959).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1949

End: DEC 1959

GEOGRAPHICAL AREA: NETHERLANDS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 672, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 205

188

TITLE: GERMAN HOURLY SURFACE OBSERVATIONS (1949 TO 1957).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1949

End: DEC 1957

GEOGRAPHICAL AREA: GERMANY (EAST AND WEST).

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 804, 000 CARDS

REMARKS: NONE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 229

189

TITLE: MOROCCAN SURFACE OBSERVATIONS (1941 TO 1951).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1941

End: DEC 1951

GEOGRAPHICAL AREA: MOROCCO

DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 180, 000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 265

190

TITLE: DANISH SURFACE OBSERVATIONS (1961-1971)
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 11 YEARS
Start: JAN 1961
End: DEC 1971
GEOGRAPHICAL AREA: DENMARK
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 297, 000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 264

191

TITLE: LUXEMBOURG SURFACE OBSERVATIONS (1949 TO 1959).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 11 YEARS
Start: JAN 1949
End: DEC 1959
GEOGRAPHICAL AREA: LUXEMBOURG
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 12, 000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 213

192

TITLE: HONG KONG SURFACE OBSERVATIONS (1946-1956)
PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 11 YEARS
Start: JAN 1946
End: DEC 1956
GEOGRAPHICAL AREA: HONG KONG
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 232

193

TITLE: CHRISTMAS ISLAND SYNOPTIC OBSERVATIONS(1921-1931)
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 11 YEARS
Start: JAN 1921
End: DEC 1931
GEOGRAPHICAL AREA: CHRISTMAS ISLAND
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 7000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 298

194

TITLE: DEUTSCHE SEEWARTE WETTERBERICHT (1929 TO 1939).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 11 YEARS
Start: JAN 1929
End: DEC 1939
GEOGRAPHICAL AREA: GERMANY(EAST AND WEST)
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 215

195

TITLE: SUMMARY OF SYNOPTIC METEOROLOGICAL OBSERVATIONS FOR COASTAL MARINE AREAS.

PARAMETERS: SEA HEIGHT, WAVE AMPLITUDE, WAVE PERIOD, ATMOSPHERE TEMPERATURE, WATER TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, WIND SPEED, ATMOSPHERE WIND DIRECTION, ATMOSPHERE WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT, CLOUD COVER, WEATHER

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1970

End: CONTINUOUS

GEOGRAPHICAL AREA: MOST COASTAL MARINE AREAS OF THE WORLD

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 95 VOLUMES

REMARKS: THESE SUMMARY TABLES GIVE PERCENT FREQUENCIES OF OCCURRENCE IN VARIOUS CATEGORIES(E.G. BY WIND DIRECTION). DATA MAY BE ORDERED FROM NTIS. NCC CAN SUPPLY SPECIFIC ORDERING INFORMATION.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 481

196

TITLE: THAILAND SURFACE OBSERVATIONS (1954 TO 1964).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1954

End: DEC 1964

GEOGRAPHICAL AREA: THAILAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 220

197

TITLE: BRITISH SURFACE OBSERVATIONS (1929 TO 1939).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1929

End: DEC 1939

GEOGRAPHICAL AREA: GREAT BRITAIN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 564, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 203

198

TITLE: KOREAN SURFACE OBSERVATIONS(1949-1966)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 18 YEARS

Start: JAN 1949

End: DEC 1966

GEOGRAPHICAL AREA: KOREA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 223

199

TITLE: FRENCH SURFACE OBSERVATIONS (1945 TO 1956).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1945

End: DEC 1956

GEOGRAPHICAL AREA: FRANCE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 60, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 228

200

TITLE: FORMOSAN SUMMARY OF THE DAY, GENERAL SURFACE OBSERVATIONS, (1949 TO 1960).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1949

End: DEC 1960

GEOGRAPHICAL AREA: TAIWAN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 54, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 301

201

TITLE: NETHERLANDS HOURLY SURFACE OBSERVATIONS (1955-1966)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1955

End: DEC 1966

GEOGRAPHICAL AREA: NETHERLANDS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 289

202

TITLE: DANISH-GREENLAND SURFACE OBSERVATIONS (1949 TO 1960).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1949

End: DEC 1960

GEOGRAPHICAL AREA: DENMARK AND GREENLAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 107, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 293

203

TITLE: JAPANESE SURFACE OBSERVATIONS(1953-1964)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1953

End: DEC 1964

GEOGRAPHICAL AREA: JAPAN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 286

204

TITLE: MEXICAN SURFACE OBSERVATIONS (1949 TO 1960).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1949

End: DEC 1960

GEOGRAPHICAL AREA: MEXICO

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 350, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 252

205

TITLE: RUSSIAN SURFACE OBSERVATIONS(1946 TO 1958).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 13 YEARS

Start: JAN 1946

End: DEC 1958

GEOGRAPHICAL AREA: RUSSIA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 189

206

TITLE: SPANISH SURFACE OBSERVATIONS(1950-1962)
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 13 YEARS
Start: JAN 1950
End: DEC 1962

GEOGRAPHICAL AREA: SPAIN
DATA TYPE: OBSERVED DATA
Organization: NETWORK

MEDIA: PUNCHED CARDS
VOLUME: 240, 000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 240

207

TITLE: AUSTRALIAN HOURLY OBSERVATIONS (1945-1958)
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 14 YEARS
Start: JAN 1945
End: DEC 1958

GEOGRAPHICAL AREA: AUSTRALIA
DATA TYPE: OBSERVED DATA
Organization: NETWORK

MEDIA: PUNCHED CARDS
VOLUME: 1, 335, 000 CARDS
REMARKS: HOURLY OBSERVATIONS
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 230

208

TITLE: SUMMARY OF SYNOPTIC METEOROLOGICAL OBSERVATIONS FOR GREAT LAKES AREAS (1960-1973).
PARAMETERS: SEA HEIGHT, WAVE AMPLITUDE, WAVE PERIOD, TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT, CLOUD COVER, WEATHER

PERIOD OF OBSERVATION: 14 YEARS

Start: JAN 1960

End: DEC 1973

GEOGRAPHICAL AREA: THE GREAT LAKES

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: PUBLISHED IN A SERIES OF 4 VOLUMES.

REMARKS: THESE SUMMARY TABLES GIVE PERCENT FREQUENCIES OF OCCURRENCE IN VARIOUS CATEGORIES (E.G. BY WIND DIRECTION) DATA MAY BE ORDERED FROM NTIS. NCC CAN SUPPLY SPECIFIC ORDERING INFORMATION.

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 482

209

TITLE: FORMOSAN SURFACE OBSERVATIONS (1947-1960)
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 14 YEARS
Start: JAN 1947
End: DEC 1960

GEOGRAPHICAL AREA: FORMOSA
DATA TYPE: OBSERVED DATA
Organization: NETWORK

MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 231

210

TITLE: BRAZILIAN SURFACE OBSERVATIONS (1931 TO 1944).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 14 YEARS
Start: JAN 1931
End: DEC 1944

GEOGRAPHICAL AREA: BRAZIL
DATA TYPE: OBSERVED DATA
Organization: NETWORK

MEDIA: PUNCHED CARDS
VOLUME: 312, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 212

211

TITLE: SYNOPTIC SURFACE WEATHER OBSERVATIONS
OVER LAND, GLOBAL (1967 TO PRESENT)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 14 YEARS

Start: JAN 1967

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL LAND COVERAGE-8500 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 300 TAPES (SYNOPTIC SORT) AND 1600 TAPES
(STATION YEAR SORT)

REMARKS: DATA ARE ARRANGED BY TIME (SYNOPTIC
SORT) AND BY STATION OBSERVATION-GENERALLY 3
HOURLY WITH SOME HOURLY DATA

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 77

212

TITLE: MIDDLE EAST SURFACE OBSERVATIONS (1949 TO
1962).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 14 YEARS

Start: JAN 1949

End: DEC 1962

GEOGRAPHICAL AREA: MIDDLE EAST

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 366, 000 CARDS

REMARKS: GENERAL SURFACE OBSERVATIONS; EXACT
MEASUREMENTS UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 202

213

TITLE: PRESTWICK HOURLY SURFACE OBSERVATIONS
(1946 TO 1960).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 15 YEARS

Start: JAN 1946

End: DEC 1960

GEOGRAPHICAL AREA: PRESTWICK

DATA TYPE: HOURLY

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 192, 000 CARDS

REMARKS: HOURLY SURFACE OBSERVATIONS

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 300

214

TITLE: WEST INDIES SURFACE OBSERVATIONS (1950 TO
1964).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 15 YEARS

Start: JAN 1950

End: DEC 1964

GEOGRAPHICAL AREA: WEST INDIES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 116, 000 CARDS

REMARKS: SURFACE SYNOPTIC OBSERVATIONS

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 296

215

TITLE: POLISH SURFACE OBSERVATIONS (1930 TO 1944).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 15 YEARS

Start: JAN 1930

End: DEC 1944

GEOGRAPHICAL AREA: POLAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 72, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASURE-
MENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 292

216

TITLE: GLOBAL SURFACE OBSERVATIONS, COMBINED
TYPES (1966 TO PRESENT).

PARAMETERS: SWELL DIRECTION, SWELL PERIOD, SWELL
HEIGHT, WAVE AMPLITUDE, WAVE PERIOD, TEM-
PERATURE, AIR/SEA SURFACE TEMPERATURE DIF-
FERENCE, TEMPERATURE MAXIMUM, TEMPERATURE
MINIMUM, GRASS MINIMUM TEMPERATURE,
PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT,
ICE TYPE, ICE THICKNESS, PRECIPITATION, SNOW
DEPTH, VISIBILITY, STANDARD SURFACE
METEOROLOGY, CLOUD CEILING HEIGHT, CLOUD
COVER, CLOUD TYPE, WEATHER

PERIOD OF OBSERVATION: 15 YEARS

Start: JAN 1966

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL BY HEMISPHERE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: AIRWAYS, SURFACE SYNOPIC, MARINE AND SPECIAL OBSERVATIONS.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 682

217

TITLE: VIETNAM AND LAOS SURFACE OBSERVATIONS (1951 TO 1966).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 16 YEARS

Start: JAN 1951

End: DEC 1966

GEOGRAPHICAL AREA: VIETNAM AND LAOS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 191

218

TITLE: PRESTWICK AND ENGLAND SURFACE OBSERVATIONS(1944-1960)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 17 YEARS

Start: JAN 1944

End: DEC 1960

GEOGRAPHICAL AREA: GREAT BRITAIN AND PRESTWICK

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 135,000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 241

219

TITLE: MICROFILM TABULATIONS OF UPPER AIR DATA, NORTHERN HEMISPHERE (1963 TO PRESENT).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, DEW POINT, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 18 YEARS

Start: JAN 1963

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM

VOLUME: 1 MICROFILM REEL PER MONTH.

REMARKS: PRINTED DATA BUT NO MICROFILM AVAILABLE BEFORE 1963.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 438

220

TITLE: INDIAN OCEAN SURFACE OBSERVATIONS (1951 TO 1968).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 18 YEARS

Start: JAN 1951

End: DEC 1968

GEOGRAPHICAL AREA: INDIAN OCEAN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 36,000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 216

221

TITLE: NMC OBJECTIVE UPPER AIR ANALYSES, NORTHERN HEMISPHERE (1962 TO PRESENT).

PARAMETERS: TEMPERATURE, WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT, RELATIVE HUMIDITY, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 19 YEARS

Start: JAN 1962

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: 2800 REELS
REMARKS: GLOBAL GRID AVAILABLE FROM 1976
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 86

222

TITLE: SWEDISH YEARBOOK SURFACE OBSERVATIONS
(1919 TO 1937).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 19 YEARS
Start: JAN 1919
End: DEC 1937
GEOGRAPHICAL AREA: SWEDEN
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 228, 000 CARDS
REMARKS: YEARBOOK SYNOPTIC OBSERVATIONS
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 295

223

TITLE: PACIFIC ISLANDS AND POINT ARGUELLO, SURFACE
OBSERVATIONS. (1949 TO 1967).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 19 YEARS
Start: JAN 1949
End: DEC 1967
GEOGRAPHICAL AREA: PACIFIC ISLANDS; POINT ARGUELLO
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 204, 000 CARDS
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASURE-
MENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 304

224

TITLE: CANADIAN SURFACE OBSERVATIONS/SUMMARY OF
THE DAY, (1934 TO 1953).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1934

End: DEC 1953

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 444, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASURE-
MENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 263

225

TITLE: PHILIPPINE SURFACE OBSERVATIONS (1946-1965)
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 20 YEARS
Start: JAN 1946
End: DEC 1965
GEOGRAPHICAL AREA: PHILIPPINES
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASURE-
MENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 225

226

TITLE: INDIAN SURFACE OBSERVATIONS (1944 TO 1963).
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 20 YEARS
Start: JAN 1944
End: DEC 1963
GEOGRAPHICAL AREA: INDIA
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASURE-
MENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 217

227

TITLE: KOPENHAGENER SCHLUESSEL SYNOPTIC (1926 TO 1945).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1926

End: DEC 1945

GEOGRAPHICAL AREA: KOPENHAGEN, DENMARK

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 5, 388, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 288

228

TITLE: CENTRAL AMERICAN SURFACE OBSERVATIONS (1949 TO 1968).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1949

End: DEC 1968

GEOGRAPHICAL AREA: CENTRAL AMERICA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 60, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 259

229

TITLE: DAILY WEATHER MAPS, WEEKLY SERIES FOR CONTINENTAL UNITED STATES (1960 TO PRESENT).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, PRECIPITATION, HEIGHT OF PRESSURE SURFACES, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1960

End: CONTINUOUS

GEOGRAPHICAL AREA: CONTIGUOUS UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: MICROFILM

VOLUME: UNKNOWN

REMARKS: SUBSCRIPTIONS TO THIS PUBLICATION MAY BE ORDERED FROM THE PUBLIC DOCUMENTS DEPARTMENT, U.S. GOV'T PRINTING OFFICE WASHINGTON D.C. 20402

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 451

230

TITLE: GLOBAL HIGH ALTITUDE METEOROLOGICAL DATA (1959 TO PRESENT)

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, STANDARD UPPER AIR METEOROLOGY, DENSITY (AIR), SOUND VELOCITY

PERIOD OF OBSERVATION: 21 YEARS

Start: SEP 1959

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, MICROFILM

VOLUME: UNKNOWN

REMARKS: ROCKETSONDE DATA FOR 1 KM HEIGHT INTERVALS FROM 20 KM TO A MAXIMUM OF 90 KM.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 452

231

TITLE: NEW ZEALAND SURFACE OBSERVATIONS (1949 TO 1969).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1949

End: DEC 1969

GEOGRAPHICAL AREA: NEW ZEALAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 358, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 260

232

TITLE: WEST INDIES SURFACE OBSERVATIONS (1943-1964)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1943

End: DEC 1964

GEOGRAPHICAL AREA: WEST INDIES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 108, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 302

233

TITLE: RUSSIAN TELETYPE SYNOPTIC OBSERVATIONS(1959 TO PRESENT)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1959

End: CONTINUOUS

GEOGRAPHICAL AREA: RUSSIA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 190

234

TITLE: SUPPLEMENT TO CLIMATIC SUMMARY OF THE UNITED STATES (1931 TO 1952)

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION, SNOW-FALL, STANDARD SURFACE METEOROLOGY, FREEZE DATA, NO.-DAYS OF PRECIP.>.01 INCHES, SOLAR RADIATION

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1931

End: DEC 1952

GEOGRAPHICAL AREA: 105 CLIMATOLOGICAL AREAS OF U.S., PUERTO RICO, AND VIRGIN ISLANDS.

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: THESE ARE UPDATES TO THE 1930 ISSUES OF CLIMATIC SUMMARY OF THE UNITED STATES(SEE DSID 485). THE ALASKA ISSUE HAS DATA FROM 1922 THROUGH 1952; THE HAWAII ISSUE HAS DATA FROM 1919 THROUGH 1952.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 486

235

TITLE: AFRICAN SYNOPTIC OBSERVATIONS(1947-1968)

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1947

End: DEC 1968

GEOGRAPHICAL AREA: AFRICA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 2, 674, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 261

236

TITLE: STORAGE-GAGE PRECIPITATION DATA FOR WESTERN UNITED STATES (1955 TO 1976)

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1955

End: DEC 1976

GEOGRAPHICAL AREA: REMOTE AREAS OF AZ. CA. CO. ID. MT. NV. NM. OR. UT. WA. AND WY.

DATA TYPE: DERIVED DATA

Organization: POINT

MEDIA: PUBLICATION

VOLUME: 1 ISSUE PER YEAR.

REMARKS: EARLIER DATA PUBLISHED IN CLIMATOLOGICAL DATA FOR EACH STATE OR BY RIVER BASIN IN THE HYDROLOGIC BULLETINS (1940-1948).

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 478

237

TITLE: MONTHLY STORM DATA FOR UNITED STATES (1959 TO PRESENT)

PARAMETERS: WEATHER

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1959

End: CONTINUOUS

GEOGRAPHICAL AREA: DATA LISTED FOR EACH STATE INDIVIDUALLY.

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUBLICATION

VOLUME: 1 ISSUE PER MONTH FOR EACH STATE.

REMARKS: PUBLICATION ISSUED MONTHLY. INCLUDES A NARRATIVE DESCRIPTION OF THE STORM AND STORM DAMAGE.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 479

238

TITLE: SOUTH AMERICAN SURFACE OBSERVATIONS (1949 TO 1971).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 23 YEARS

Start: JAN 1949

End: DEC 1971

GEOGRAPHICAL AREA: SOUTH AMERICA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 732, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 258

239

TITLE: PAN AMERICAN-GRACE AIRWAYS SURFACE OBSERVATIONS, (1930 TO 1945).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 25 YEARS

Start: JAN 1930

End: DEC 1954

GEOGRAPHICAL AREA: GLOBAL OBSERVATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 144, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 233

240

TITLE: GREEK SURFACE OBSERVATIONS (1935 TO 1959).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 25 YEARS

Start: JAN 1935

End: DEC 1959

GEOGRAPHICAL AREA: GREECE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 180, 000 CARDS

REMARKS: SYNOPTIC OBSERVATIONS

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 255

241

TITLE: RADIOSONDE MANDATORY LEVELS DATA, GLOBAL (1943 TO 1967).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 25 YEARS

Start: JAN 1943

End: DEC 1967

GEOGRAPHICAL AREA: GLOBAL - 1237 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 464 REELS OF MAGNETIC TAPE

REMARKS: 1237 STATIONS, SOME CONSTANT HEIGHT DATA WITH REPORTED PRESSURE; MAJORITY OF THE DATA AT 50 MB INCREMENTS FROM 1000 TO 100 MB, THEN 80, 70, ...30, 25, 20, 15, 10, 7, 5, 4, 3, 2, 1 AND 1 MB.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 696

242

TITLE: FINLAND SURFACE OBSERVATIONS (1901 TO 1926).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 26 YEARS

Start: JAN 1901

End: DEC 1926

GEOGRAPHICAL AREA: FINLAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 180, 000 CARDS

REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 218

243

TITLE: PAN AMERICAN AIRWAYS SURFACE OBSERVATIONS
(1937-1962)
PARAMETERS: STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 26 YEARS
Start: JAN 1937
End: DEC 1962
GEOGRAPHICAL AREA: GLOBAL OBSERVATIONS
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: UNKNOWN
REMARKS: GENERAL OBSERVATIONS; SPECIFIC MEASUREMENTS TAKEN UNKNOWN
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 243

244

TITLE: CLIMATOGRAPHY OF THE UNITED STATES,
MONTHLY AND ANNUAL NORMALS OF TEMPERATURE,
PRECIPITATION AND HEATING AND COOLING DEGREE
DAYS (1941 TO 1970).
PARAMETERS: TEMPERATURE, PRECIPITATION, COOLING
DEGREE DAYS, HEATING DEGREE DAYS
PERIOD OF OBSERVATION: 30 YEARS
Start: JAN 1941
End: DEC 1970
GEOGRAPHICAL AREA: SEPARATE DATA SETS FOR EACH
STATE, PUERTO RICO, VIRGIN ISLANDS, SWAN ISLE.
DATA TYPE: MEAN - MONTHLY
Organization: NETWORK
MEDIA: PUBLICATION
VOLUME: 45 PUBLICATIONS
REMARKS: NORMALS FOR 1921-1950 PUBLISHED AS U.S.
WEATHER BUREAU TECHNICAL PAPER NO. 31. DEGREE
DAY BASE 65 DEG F.
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 506

245

TITLE: CLIMATOGRAPHY OF U.S. CITIES (1951 TO PRESENT).
PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM,
TEMPERATURE MINIMUM, PRECIPITATION, SNOWFALL,
STANDARD SURFACE METEOROLOGY, COOLING
DEGREE DAYS, HEATING DEGREE DAYS, FREEZE DATA

PERIOD OF OBSERVATION: 30 YEARS

Start: JAN 1951

End: CONTINUOUS

GEOGRAPHICAL AREA: 1, 063 CLIMATOLOGICAL STATIONS
IN THE 50 STATES AND PUERTO RICO.

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: LOCAL CLIMATE AND STATION HISTORY INFORMATION ARE AVAILABLE FOR 1, 800 ADDITIONAL STATIONS. DATA IN NARRATIVE FORM.

HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 504

246

TITLE: CLIMATOGRAPHY OF THE UNITED STATES, DAILY
NORMALS OF TEMPERATURE AND HEATING AND
COOLING DEGREE DAYS (1941-1970)
PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM,
TEMPERATURE MINIMUM, COOLING DEGREE DAYS,
HEATING DEGREE DAYS
PERIOD OF OBSERVATION: 30 YEARS
Start: JAN 1941
End: DEC 1970
GEOGRAPHICAL AREA: 346 CITIES IN THE UNITED STATES
DATA TYPE: DERIVED DATA
Organization: NETWORK
MEDIA: PUBLICATION
VOLUME: 1 PUBLISHED VOLUME
REMARKS: THIS SERIES IS AN UPDATE OF SIMILAR
PUBLICATIONS THAT LISTED DAILY NORMALS FROM
1921-1950 AND 1931-1960 BUT DID NOT INCLUDE
COOLING-DEGREE DAY NORMALS. BASE FOR HEATING
AND COOLING DEGREE DAYS IS 65 DEG F.
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 508

247

TITLE: CLIMATOGRAPHY OF THE UNITED STATES,
MONTHLY AVERAGES OF TEMPERATURE AND
PRECIPITATION FOR STATE CLIMATIC DIVISIONS (1941
TO 1970).
PARAMETERS: TEMPERATURE, PRECIPITATION
PERIOD OF OBSERVATION: 30 YEARS
Start: JAN 1941
End: DEC 1970
GEOGRAPHICAL AREA: 49 STATES AND PUERTO RICO
(HAWAII NOT INCLUDED)
DATA TYPE: MEAN - MONTHLY
Organization: NETWORK
MEDIA: PUBLICATION

VOLUME: 50 ISSUES

REMARKS: EACH STATE IS DIVIDED INTO CLIMATIC DIVISIONS, THAT REPRESENT, AS NEARLY AS POSSIBLE, HOMOGENOUS CLIMATE REGIMES

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 509

248

TITLE: MONTHLY GLOBAL UPPER AIR DATA (1950 TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, HEIGHT OF PRESSURE SURFACES, ATMOSPHERE STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 31 YEARS

Start: JAN 1950

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL-500 STATIONS

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 REEL, 9 TK, 1600 B.P.I.

REMARKS: COMPUTER EDIT. STATION SORT: U.S. DATA DERIVED FROM TD 56 RAWINSONDE SET;NON-U.S. SUMMARIES ARE DERIVED BY OTHER COUNTRIES TD 9648 PROGRAMMER NOTES. SEPARATE MEANS FOR 00Z AND 12Z

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 117

249

TITLE: GLOBAL RAWINSONDE DATA (1948 TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, HEIGHT OF PRESSURE SURFACES, ATMOSPHERE STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 33 YEARS

Start: JAN 1948

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL-850 STATIONS INCLUDING 10 U.S. STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 250 REELS, 9 TK, 800 AND 1600 BPI

REMARKS: NONE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 103

250

TITLE: U.S. SURFACE AIRWAYS OBSERVATIONS (1948 TO PRESENT).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 33 YEARS

Start: JAN 1948

End: CONTINUOUS

GEOGRAPHICAL AREA: MAINLY U.S.;CURRENTLY 300 STATIONS REPORT DATA AT ANY ONE TIME(800 TOTAL).

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 800 REELS, 9-TRACK, 1600 BPI TAPE

REMARKS: HOURLY DATA AVAILABLE BEFORE 1965

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 78

251

TITLE: SUMMARY OF THE DAY - TEMPERATURE, PRECIPITATION, WEATHER, RELATIVE HUMIDITY, WINDS, U.S. STATIONS (1948 TO PRESENT).

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PEAK WIND (MAXIMUM WIND GUSTS), RELATIVE HUMIDITY/MAXIMUM, RELATIVE HUMIDITY/MINIMUM, PRECIPITATION, SNOWFALL, SNOW DEPTH, CLOUD COVER, WEATHER, VISIBLE RADIATION

PERIOD OF OBSERVATION: 33 YEARS

Start: JAN 1948

End: CONTINUOUS

GEOGRAPHICAL AREA: UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 50 REELS, 9TK, 800 BPI

REMARKS: NONE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 80

252

TITLE: GLOBAL MONTHLY CLIMATIC DATA (1948 TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, WIND DIRECTION, PRECIPITATION, STANDARD SURFACE METEOROLOGY, STANDARD UPPER AIR METEOROLOGY, NET RADIATION

PERIOD OF OBSERVATION: 33 YEARS

Start: MAY 1948

End: CONTINUOUS

GEOGRAPHICAL AREA: LOCATIONS THROUGHOUT THE WORLD

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: CONTAINS MONTHLY MEANS OF SURFACE AND UPPER AIR DATA. DATA ALSO INCLUDES INFORMATION ON VAPOR PRESSURE. UPPER AIR DATA DONE AT SURFACE TO 200MB, 850 TO 150MB AND 700 TO 100MB INTERVALS

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 454

253

TITLE: U.S. WEATHER RADAR OBSERVATIONS (1947 TO PRESENT).

PARAMETERS: RADAR ECHOS

PERIOD OF OBSERVATION: 34 YEARS

Start: JAN 1947

End: CONTINUOUS

GEOGRAPHICAL AREA: UNITED STATES-130 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MANUSCRIPT, LOG SHEETS/TABULATION FORMS/CODING FORMS, FILM-NEGATIVES

VOLUME: 1, 400, 000 PAGES

REMARKS: 130 STATIONS FOR A VARIETY OF RADARS

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 104

254

TITLE: COMPARATIVE CLIMATIC DATA FOR UNITED STATES AND ITS POSSESSIONS(1941 TO PRESENT).

PARAMETERS: ATMOSPHERE TEMPERATURE MAXIMUM, ATMOSPHERE TEMPERATURE MAXIMUM, ATMOSPHERE TEMPERATURE MINIMUM, ATMOSPHERE TEMPERATURE MINIMUM, WIND SPEED, RELATIVE HUMIDITY, PRECIPITATION, SNOWFALL, STANDARD SURFACE METEOROLOGY, CLOUD COVER, ATMOSPHERE COOLING DEGREE DAYS, ATMOSPHERE COOLING DEGREE DAYS, HEATING DEGREE DAYS, NO.-DAYS OF PRECIP. >.01 INCHES, NO.-DAYS OF MINIMUM TEMP. < 32 DEGREES F. , NET RADIATION

PERIOD OF OBSERVATION: 40 YEARS

Start: JAN 1941

End: CONTINUOUS

GEOGRAPHICAL AREA: 300 SELECTED LOCATIONS IN THE UNITED STATES, PUERTO RICO AND PACIFIC ISLES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 6 ISSUES

REMARKS: DATA ARE PRESENTED IN TWO SECTIONS (1) OBSERVED DATA (2) CLIMATOLOGICAL NORMALS.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 450

255

TITLE: AIRWAYS SURFACE METEOROLOGICAL DATA, GLOBAL (1931 TO 1970).

PARAMETERS: TEMPERATURE, WET BULB TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT, CLOUD COVER, CLOUD TYPE, WEATHER

PERIOD OF OBSERVATION: 40 YEARS

Start: JAN 1931

End: DEC 1970

GEOGRAPHICAL AREA: GLOBAL AIRPORT STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 10 MILLION OBSERVATIONS, 1430 REELS, 9 TK, 800 BPI

REMARKS: MOST OBSERVATIONS BEGIN 1939 AND LATER.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 685

256

TITLE: HOURLY PRECIPITATION DATA FOR EACH STATE IN THE UNITED STATES EXCEPT ALASKA (1940 TO PRESENT)

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 41 YEARS

Start: JAN 1940

End: CONTINUOUS

GEOGRAPHICAL AREA: EACH STATE IN THE UNITED STATES EXCEPT ALASKA

DATA TYPE: DERIVED DATA

Organization: POINT

MEDIA: PUBLICATION

VOLUME: 1 ISSUE PER MONTH AND 1 ISSUE PER YEAR FOR EACH STATE.

REMARKS: PUBLISHED MONTHLY AND ANNUALLY. DATA ARE COMBINED FOR MARYLAND AND DELAWARE AND THE NEW ENGLAND STATES - CT. ME. MA. NH. RI. AND VT. MONTHLY AND ANNUAL PUBLICATIONS FOR PUERTO RICO WERE INITIATED IN JULY 1971.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 477

257

TITLE: U.S. UPPER AIR (RAWINSONDE) OBSERVATIONS (1934 TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY

PERIOD OF OBSERVATION: 47 YEARS

Start: JAN 1934

End: CONTINUOUS

GEOGRAPHICAL AREA: UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MANUSCRIPT

VOLUME: 600, 000 PAGES

REMARKS: 150 RAWINSONDE STATIONS

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 83

258

TITLE: WINDS ALOFT, GLOBAL LAND STATIONS (1918 TO 1964).

PARAMETERS: WIND SPEED, WIND DIRECTION, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 47 YEARS

Start: JAN 1918

End: DEC 1964

GEOGRAPHICAL AREA: GLOBAL LAND-500 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 500 REELS, 9 TK, 800 BPI

REMARKS: STATION SORTED (1 TAPE PER STATION) ORIGINAL DATA. WINDS BY CONSTANT HEIGHT.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 91

259

TITLE: WINDS ALOFT, NORTH AMERICA (1920 TO 1967).

PARAMETERS: WIND SPEED, WIND DIRECTION, STANDARD SURFACE METEOROLOGY, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 48 YEARS

Start: JAN 1920

End: DEC 1967

GEOGRAPHICAL AREA: NORTH AMERICA (LESS CENTRAL AMERICA) AND U.S. MILITARY STATIONS ABROAD

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 312 REELS

REMARKS: LEVELS OF OBSERVATIONS: SURFACE, 150, 300M ABOVE GROUND LEVEL; 500 M ABOVE SEA LEVEL, THEN 500M INTERVALS TO 3000M ABOVE SEA LEVEL, THEN 1000M INTERVALS TO 54 KM. BEFORE 1956 500M INTERVALS, SURFACE TO 3000M ABOVE SEA LEVEL.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 700

260

TITLE: WINDS ALOFT, GLOBAL EXCEPT NORTH AMERICA (1922 TO 1971).

PARAMETERS: WIND SPEED, WIND DIRECTION, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 50 YEARS

Start: JAN 1922

End: DEC 1971

GEOGRAPHICAL AREA: GLOBAL, ALL AREAS EXCEPT NORTH AMERICA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 216 REELS, 9 TK 800 BPI

REMARKS: 1285 STATIONS; MAJORITY, 1950-1970. OBSERVATIONS AT 6 OR 12 HOUR INTERVALS.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 691

261

TITLE: DAILY SUMMARY SURFACE METEOROLOGICAL DATA, GLOBAL (1931 TO PRESENT).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, WIND SPEED, WIND DIRECTION, PRECIPITATION, SNOWFALL, SNOW DEPTH, STANDARD SURFACE METEOROLOGY, DUST FALL (ACCUMULATION)

PERIOD OF OBSERVATION: 50 YEARS

Start: JAN 1931

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL AIRPORT STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 65 REELS OF MAGNETIC TAPE

REMARKS: DATA GENERALLY BEGIN AFTER 1939. OBSERVATIONS INCLUDE (PRESENCE/ABSENCE) OF THUNDER, SLEET, HAIL, DUST/SAND, SMOKE/HAZE, BLOWING SNOW, RAIN, SNOW, GLAZE AND FOG.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 683

262

TITLE: SURFACE METEOROLOGICAL OBSERVED DATA, GLOBAL (1901 TO 1971).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD TYPE, WEATHER, PAST WEATHER

PERIOD OF OBSERVATION: 71 YEARS

Start: JAN 1901

End: DEC 1971

GEOGRAPHICAL AREA: GLOBAL - ALL CONTINENTS AND OCEAN REGIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1414 REELS, 9TK, 800 BPI

REMARKS: SURFACE SYNOPTIC CODED DATA. 10, 047 STATIONS. 107, 231, 000 OBSERVATIONS. MAJORITY OF OBSERVATIONS 1950 TO 1970.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 697

263

TITLE: MONTHLY U.S. SURFACE DATA, MAXIMUM AND MINIMUM TEMPERATURES TOTAL PRECIPITATION, TOTAL SNOW, HEATING AND COOLING DEGREE DAYS (1900 TO PRESENT).

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRECIPITATION, SNOW DEPTH, STANDARD SURFACE METEOROLOGY, COOLING DEGREE DAYS, HEATING DEGREE DAYS

PERIOD OF OBSERVATION: 81 YEARS

Start: JAN 1900

End: CONTINUOUS

GEOGRAPHICAL AREA: UNITED STATES; 10, 000 STATIONS

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 50 REELS, 9 TK, 800 BPI

REMARKS: ORIGINAL DATA; STATION-SORTED INTO 2 MAJOR TIME GROUPS; MANUALLY AND COMPUTER EDITED TO CHECK FOR EXTREME VALUES. REFERENCE: TD 9640 PROGRAMMER NOTES.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 102

264

TITLE: LOCAL CLIMATOLOGICAL DATA FOR U.S. AND ITS POSSESSIONS, (1897 TO PRESENT)

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, WET BULB TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, PRECIPITATION, SNOWFALL, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT, CLOUD COVER, WEATHER, COOLING DEGREE DAYS, HEATING DEGREE DAYS, HOURS OF SUNSHINE, NO.-DAYS OF PRECIP.>.01 INCHES, NET RADIATION

PERIOD OF OBSERVATION: 84 YEARS

Start: JAN 1897

End: CONTINUOUS

GEOGRAPHICAL AREA: 300 STATIONS IN U.S., PUERTO RICO AND PACIFIC ISLANDS.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, MICROFICHE

VOLUME: UNKNOWN

REMARKS: THIS PUBLICATION COMPRISES TWO ISSUES:(1)LOCAL CLIMATOLOGICAL DATA, MONTHLY SUMMARY;(2)LOCAL CLIMATOLOGICAL DATA, ANNUAL SUMMARY WITH COMPARATIVE DATA.(SEE DSID 706). PUBLICATION ISSUED INDIVIDUALLY FOR ABOUT 300 STATIONS. EARLY ISSUES VARY GREATLY IN FORMAT AND CONTENT FROM STATION AND FROM TIME TO TIME.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 453

265

TITLE: LOCAL CLIMATOLOGICAL DATA FOR U.S. AND ITS POSSESSIONS, ANNUAL SUMMARY WITH COMPARATIVE DATA (1897 TO PRESENT)

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION, SNOWFALL, STANDARD SURFACE METEOROLOGY, CLOUD COVER, COOLING DEGREE DAYS, HEATING DEGREE DAYS, NO.-DAYS OF PRECIP.>.01 INCHES

PERIOD OF OBSERVATION: 84 YEARS

Start: JAN 1897

End: CONTINUOUS

GEOGRAPHICAL AREA: 300 STATIONS IN U.S., PUERTO RICO AND PACIFIC ISLANDS

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: PUBLICATION, MICROFICHE

VOLUME: UNKNOWN

REMARKS: THIS PUBLICATION COMPRISES TWO ISSUES: 1)LOCAL CLIMATOLOGICAL DATA, MONTHLY SUMMARY, AND 2)LOCAL CLIMATOLOGICAL DATA, ANNUAL SUMMARY WITH COMPARATIVE DATA. PUBLICATION ISSUED INDIVIDUALLY FOR ABOUT 300 STATIONS.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 706

266

TITLE: US MONTHLY AND ANNUAL CLIMATOLOGICAL DATA (1896 TO PRESENT)

PARAMETERS: ATMOSPHERE TEMPERATURE MAXIMUM, LAND TEMPERATURE MAXIMUM, ATMOSPHERE TEMPERATURE MINIMUM, LAND TEMPERATURE MINIMUM, WIND SPEED, WIND DIRECTION, EVAPORATION, PRECIPITATION, SNOWFALL, SNOW DEPTH, STANDARD SURFACE METEOROLOGY, HEATING DEGREE DAYS, DATE OF GROUND FREEZE, DATE OF GROUND THAW

PERIOD OF OBSERVATION: 85 YEARS

Start: JAN 1896

End: CONTINUOUS

GEOGRAPHICAL AREA: PUBLICATIONS FOR EACH OF THE 50 STATES, PUERTO RICO, VIRGIN ISLANDS, CARIBBEAN

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 1 ISSUE MONTHLY AND ANNUALLY

REMARKS: NO MONTHLY DATA FROM JULY 1909 TO DECEMBER 1913. STARTING DATE VARIES FROM STATE TO STATE.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 707

267

TITLE: 91 YEARS OF WEATHER RECORDS AT YELLOWSTONE NATIONAL PARK, WYOMING (1887 TO 1977).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRECIPITATION, SNOWFALL, FREEZE DATA

PERIOD OF OBSERVATION: 91 YEARS

Start: JAN 1887

End: DEC 1977

GEOGRAPHICAL AREA: YELLOWSTONE NATIONAL PARK, WYOMING

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUBLICATION

VOLUME: 1 PUBLICATION

REMARKS: A SUMMARY ON THE HISTORY OF THE STATION AND PERTINENT TOPOGRAPHIC MAPS OF THE SURROUNDING AREA.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 517

268

TITLE: U.S. SURFACE WEATHER OBSERVATIONS FROM FIRST ORDER, MILITARY AND COOPERATIVE STATIONS (1872 TO PRESENT).

PARAMETERS: TEMPERATURE, WET BULB TEMPERATURE, PRESSURE, PRESSURE TENDENCY-AMOUNT, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD COVER, CLOUD TYPE, WEATHER, HOURS OF SUNSHINE

PERIOD OF OBSERVATION: 109 YEARS

Start: JAN 1872

End: CONTINUOUS

GEOGRAPHICAL AREA: UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MANUSCRIPT, LOG SHEETS/TABULATION FORMS/CODING FORMS, MACHINE PRINTED HARD COPY

VOLUME: 15, 000, 000 MANUSCRIPT PAGES

REMARKS: ORIGINAL MANUSCRIPT DATA, 300 FIRST ORDER, 10, 000 COOPERATIVE, 250 MILITARY AND 1200 SECOND ORDER STATIONS. COOPERATIVE STATIONS DAILY OBSERVATIONS ONLY.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 81

269

TITLE: A LONG RECORD OF WEATHER OBSERVATIONS AT COOPERSTOWN, NEW YORK (1854 TO 1977).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRECIPITATION, SNOWFALL, FREEZE DATA

PERIOD OF OBSERVATION: 124 YEARS

Start: JAN 1854

End: DEC 1977

GEOGRAPHICAL AREA: COOPERSTOWN, NEW YORK

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUBLICATION

VOLUME: 1 PUBLICATION

REMARKS: A SUMMARY ON THE HISTORY OF THE STATION AND PERTINENT TOPOGRAPHIC MAPS OF THE SURROUNDING AREA.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 516

270

TITLE: U.S. SURFACE WEATHER OBSERVATIONS, SUMMARY OF THE DAY - TEMPERATURE, PRECIPITATION AND WEATHER (1800S TO PRESENT).

PARAMETERS: TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRECIPITATION, SNOWFALL, SNOW DEPTH, WEATHER

PERIOD OF OBSERVATION: 131 YEARS

Start: JAN 1850

End: CONTINUOUS

GEOGRAPHICAL AREA: UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 650 REELS (9TK, 800 BPI)

REMARKS: ORIGINAL DATA, MINIMAL MANUAL EDIT 10,000 STATIONS AT ANY GIVEN TIME, 200 STATIONS REPORT EVAPORATION AND TOTAL WIND MOVEMENT SINCE 1948.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 79

271

TITLE: TROPICAL CYCLONE TRACKS (LATE 1800'S TO PRESENT).

PARAMETERS: STORM TRACKS

PERIOD OF OBSERVATION: 131 YEARS

Start: JAN 1850

End: CONTINUOUS

GEOGRAPHICAL AREA: ALL OCEAN BASINS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 15 REELS, 9 TK, 800 BPI

REMARKS: TIME SERIES BY OCEAN BASIN. TRACKS DERIVED FROM SYNOPTIC MAPS

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 90

272

TITLE: U.S. UPPER AIR (PIBAL) OBSERVATIONS (1819 TO PRESENT).

PARAMETERS: WIND SPEED, WIND DIRECTION, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 162 YEARS

Start: JAN 1819

End: CONTINUOUS

GEOGRAPHICAL AREA: UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MANUSCRIPT, LOG SHEETS/TABULATION FORMS/CODING FORMS, MACHINE PRINTED HARD COPY

VOLUME: 2, 500, 000 PAGES

REMARKS: 80 PIBAL STATIONS

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 82

273

TITLE: MONTHLY GLOBAL LAND SURFACE DATA, TEMPERATURE, PRESSURE, AND TOTAL PRECIPITATION (1700'S TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, PRECIPITATION

PERIOD OF OBSERVATION: 200 YEARS +

Start: 1700'S

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 2 REELS, 9 TK, 1600 BPI

REMARKS: STATION SORTED ORIGINAL DATA-NCAR COMPUTER EDITED. NCAR TECHNICAL NOTE; TD9645 REFERENCE MANUAL

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 85

274

TITLE: GFDL GLOBAL ATMOSPHERIC CIRCULATION TAPE - LIBRARY (1968 TO 1973).

PARAMETERS: TEMPERATURE, WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT, SPECIFIC HUMIDITY, KINETIC ENERGY (WIND)

PERIOD OF OBSERVATION: 5 YEARS

Start: MAY 1968

End: APR 1973

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: PART OF A 40 TAPE SET, 9 TRACK 1600 BPI

REMARKS: NORTHERN HEMISPHERE ANALYSES AVAILABLE FOR 1958-1973. GRID HAS ABOUT 500 KM RESOLUTIONS. WIND PARAMETERS INCLUDE U. AND V. WIND COMPONENTS.

HOLDING CENTER:

GEOPHYSICAL FLUID DYNAMICS LABORATORY

ENVIRONMENTAL RESEARCH LABS, NOAA

DATA SET IDENTIFIER: 105

275

TITLE: GFDL NORTHERN HEMISPHERE ATMOSPHERIC CIRCULATION TAPE (1958 TO 1968).

PARAMETERS: TEMPERATURE, WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT, SPECIFIC HUMIDITY, KINETIC ENERGY (WIND)

PERIOD OF OBSERVATION: 10 YEARS

Start: MAY 1958

End: APR 1968

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 40 TAPES - 9 TRACK, 1600BPI

REMARKS: GLOBAL ANALYSES AVAILABLE FOR 1968-1973. GRID HAS ABOUT 500 KM RESOLUTION. VARIANCE AND COVARIANCES OF THE WIND COMPONENTS ARE AVAILABLE.

HOLDING CENTER:

GEOPHYSICAL FLUID DYNAMICS LABORATORY
ENVIRONMENTAL RESEARCH LABS, NOAA

DATA SET IDENTIFIER: 106

276

TITLE: SURFACE AND UPPER AIR DATA FROM THE LINE ISLANDS EXPERIMENT, (FEBRUARY TO APRIL, 1967).

PARAMETERS: STANDARD SURFACE METEOROLOGY, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 0 YEARS

Start: FEB 1967

End: APR 1967

GEOGRAPHICAL AREA: THE LINE ISLANDS, PACIFIC OCEAN, FROM KINGMAN REEF TO FLINT ISLAND.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: REFERENCE: NCAR TN-35, A CATALOG OF METEOROLOGICAL DATA OBTAINED DURING THE LINE ISLANDS EXPERIMENT, (ZIPSER AND TAYLOR, 1968).

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 449

277

TITLE: TEMPERATURES AND HEIGHTS AT THE 5 AND 2MB LEVELS. NORTHERN HEMISPHERE, WEEKLY GRID (1972).

PARAMETERS: TEMPERATURE, HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 1 YEAR

Start: JAN 1972

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 20N TO POLE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 10 LAT. X 10 LONG. GRID. HEIGHTS AND TEMPERATURES MEASURED AT 5 AND 2MB LEVELS.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 428

278

TITLE: MONTHLY 100-50, 50-30, AND 30-10. MB. THICKNESS DATA FROM SATELLITE MEAN RADIANCES, GLOBAL (1969 TO 1970).

PARAMETERS: STANDARD UPPER AIR METEOROLOGY, LAYER THICKNESS

PERIOD OF OBSERVATION: 1 YEAR

Start: MAY 1969

End: APR 1970

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: TAPES

REMARKS: NONE

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 430

279

TITLE: GEOSTROPHIC WIND ANALYSES 850-250 MB, NORTHERN HEMISPHERE, (1962 TO 1963)

PARAMETERS: WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 1 YEAR

Start: MAR 1962

End: AUG 1963

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15 TO 90N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 100 MB WINDS BEGIN MARCH 17, 1963. NMC STD. 47X51 PT. OCTAGONAL GRID. WIND DATA TAKEN AT 850, 700, 500, 300, 200, 100 MB LEVELS.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 538

280

TITLE: SEA LEVEL PRESSURE AND 500 MB HEIGHT, SOUTHERN HEMISPHERE, (1957 TO 1958).

PARAMETERS: PRESSURE, HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 2 YEARS

Start: JUL 1957

End: DEC 1958

GEOGRAPHICAL AREA: SOUTHERN HEMISPHERE 15-90 SOUTH.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: ONE TAPE

REMARKS: NO SEA LEVEL PRESSURE DATA OVER ANTARCTIC 5 LAT. X 5 LONG. GRID

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 458

281

TITLE: DAILY 100 AND 50MB 12Z HEIGHT AND TEMPERATURE DATA, NORTHERN HEMISPHERE (1957 TO 1959).

PARAMETERS: TEMPERATURE, HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 2 YEARS

Start: JUL 1957

End: JUN 1959

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15 TO 90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 30MB DATA AVAILABLE 3 DAYS PER MONTH. N.M.C. STD 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 423

282

TITLE: 350 MB VERTICAL MOTION, NORTHERN HEMISPHERE, (1962 TO 1965).

PARAMETERS: VERTICAL WIND VELOCITY

PERIOD OF OBSERVATION: 2 YEARS

Start: NOV 1962

End: JAN 1965

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 464

283

TITLE: DAILY SEA LEVEL PRESSURE AND 500 MB HEIGHTS FOR THE TROPICAL BELT 25S TO 25N (1957 TO 1958).

PARAMETERS: PRESSURE, HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 2 YEARS

Start: JUL 1957

End: DEC 1958

GEOGRAPHICAL AREA: GLOBAL TROPICAL BELT, 25S-25N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 5 LAT X 5 LONG GRID

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 460

284

TITLE: SEA LEVEL PRESSURE AND SURFACE TEMPERATURE, NORTHERN HEMISPHERE (1963 TO 1964).

PARAMETERS: TEMPERATURE, PRESSURE, HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 2 YEARS

Start: MAY 1963

End: JAN 1965

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 419

285

TITLE: 650 MB LEVEL VERTICAL MOTION, NORTHERN HEMISPHERE, (1962 TO 1965).

PARAMETERS: VERTICAL WIND VELOCITY

PERIOD OF OBSERVATION: 3 YEARS

Start: JUN 1962

End: JAN 1965

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 463

286

TITLE: HEIGHTS OF THE 5, 2, AND 0.4 MB LEVELS, WESTERN NORTHERN HEMISPHERE, WEEKLY, JANUARY, APRIL, JULY AND OCTOBER, (1964 TO 1966).

PARAMETERS: HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 3 YEARS

Start: JAN 1964

End: OCT 1966

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 10-90N, 0-220W EXCEPT 40-190W AT 0.4MB

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: HEIGHTS MEASURED AT 5, 2, AND 0.4 MB LEVELS.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 427

287

TITLE: WEEKLY, MIDSEASONAL HIGH STRATOSPHERE HEIGHT ANALYSES (5, 2, 0.4 MB LEVELS), NORTHERN HEMISPHERE (1964 TO 1966).

PARAMETERS: HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 3 YEARS

Start: JAN 1964

End: OCT 1966

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 10-90N, 140E-360E EXCEPT 170E-320E AT 0.4MB.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: ONE TAPE

REMARKS: DATA SET ALSO AT NCC ONCE WEEKLY ANALYSES EACH IN JANUARY, APRIL, JULY, AND OCTOBER.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 425

288

TITLE: TWICE DAILY HEIGHT AND TEMPERATURE ANALYSES 850MB-10MB, NORTHERN HEMISPHERE (1962 TO 1965).

PARAMETERS: TEMPERATURE, HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 3 YEARS

Start: JAN 1962

End: DEC 1964

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: HEIGHTS AT 850, 700, 500, 400, 300, 200, 100, 50, 30, AND 10MB LEVELS. NMC STD 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 424

289

TITLE: 70 MB LEVEL HEIGHTS AND TEMPERATURES, NORTHERN HEMISPHERE, (1969 TO 1972).

PARAMETERS: TEMPERATURE, HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 4 YEARS

Start: APR 1969

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID. ANALYSES 4/DAY FROM SEPT. 18, 1970.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 457

290

TITLE: 500 MB LEVEL VERTICAL MOTION ANALYSES, NORTHERN HEMISPHERE, (1958-1972)

PARAMETERS: VERTICAL WIND VELOCITY

PERIOD OF OBSERVATION: 4 YEARS

Start: OCT 1958

End: JAN 1962

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
DATA SET IDENTIFIER: 462

291

TITLE: SEA LEVEL PRESSURE, HEIGHT AND TEMPERATURE DATA (700 TO 200MB LEVELS), NORTHERN HEMISPHERE (1955 TO 1960).

PARAMETERS: TEMPERATURE, PRESSURE, HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 5 YEARS

Start: APR 1955

End: MAR 1960

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: HEIGHTS AT 700, 500, 300, 250 AND 200MB LEVELS. NMC STD 47 X 51 GRID.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 422

292

TITLE: SEA LEVEL PRESSURE NORTHERN HEMISPHERE (JULY 1939-NOV. 1944).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 5 YEARS

Start: JUL 1939

End: NOV 1944

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE FROM 15 TO 80 DEG NORTH LATITUDE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE

REMARKS: NONE

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 417

293

TITLE: WIND AND TEMPERATURE ANALYSES FROM 700 MB TO 200 MB, 48S TO 48N (1968-1972)

PARAMETERS: TEMPERATURE, WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1968

End: DEC 1972

GEOGRAPHICAL AREA: TROPICAL BELT 48S TO 48N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 12Z WINDS ONLY UNTIL MARCH 3, 1968. TEMPERATURE DATA STARTS JANUARY 22, 1970. DATA DERIVED FROM RAWINSONDE AND PIBAL AT 700, 500, 300, 250, 200 MB LEVELS.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 541

294

TITLE: TWICE DAILY 1000-500MB LAYER AVERAGE RELATIVE HUMIDITY, NORTHERN HEMISPHERE (1968-1972)

PARAMETERS: RELATIVE HUMIDITY

PERIOD OF OBSERVATION: 5 YEARS

Start: MAR 1968

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC STD 47 X 51 OCTAGONAL GRID

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 533

295

TITLE: UPPER AIR OBSERVED DATA, NORTHERN HEMISPHERE (1958 TO 1963).

PARAMETERS: WIND SPEED, WIND DIRECTION, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 5 YEARS

Start: MAY 1958

End: APR 1963

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 25 MAGNETIC TAPES, 7 TK., 800 B.P.I.

REMARKS: DATA EACH 50 MB IN LOWER LEVELS

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 406

296

TITLE: DEWPOINT AND NEPHANALYSIS, SURFACE-400MB LEVEL, NORTHERN HEMISPHERE (1963 TO 1969).

PARAMETERS: DEW POINT, STANDARD UPPER AIR METEOROLOGY, CLOUD TYPE

PERIOD OF OBSERVATION: 6 YEARS

Start: SEP 1963

End: NOV 1969

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, DISKS

VOLUME: UNKNOWN

REMARKS: ANALYSIS FROM AFGWC. LAYERED CLOUD DATA BEGAN APRIL 15, 1964 DEW POINTS AT 850, 700, 500, 400 MB, LEVELS.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 397

297

TITLE: DAILY CLOUD COVER GRID DATA, TROPICS (1965 TO 1971).

PARAMETERS: CLOUD COVER

PERIOD OF OBSERVATION: 6 YEARS

Start: FEB 1965

End: JAN 1971

GEOGRAPHICAL AREA: GLOBAL TROPICAL BELT 27.5S-30N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 2.5. DEG. LAT.-LONG. GRID BASED ON N.E.S.S. SATELLITE BRIGHTNESS NEPHANALYSIS CHARTS.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 437

298

TITLE: DAILY SATELLITE BRIGHTNESS DATA, GLOBAL GRID (1967-1972)

PARAMETERS: BRIGHTNESS, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1967

End: AUG 1972

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 PACKED BINARY TAPE

REMARKS: 5 LAT X 5 LONG GRID

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 528

299

TITLE: SEA LEVEL PRESSURE DATA, SOUTHERN HEMISPHERE (1951 TO 1957).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1951

End: JUN 1957

GEOGRAPHICAL AREA: SOUTHERN HEMISPHERE, 15-90S.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 5 LAT X 5 LONG GRID.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 459

300

TITLE: 250MB LEVEL HEIGHTS AND TEMPERATURES, NORTHERN HEMISPHERE, (1965 TO 1972).

PARAMETERS: TEMPERATURE, HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 7 YEARS

Start: OCT 1965

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 474

301

TITLE: 650 AND 350 MB VERTICAL MOTION, NORTHERN HEMISPHERE, (1965 TO 1972).

PARAMETERS: VERTICAL WIND VELOCITY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1965

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 465

302

TITLE: TEMPERATURES: SURFACE, 850-10MB, NMC GRID ANALYSES, NORTHERN HEMISPHERE (1973 TO PRESENT).

PARAMETERS: TEMPERATURE, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: TEMPERATURES ABOVE 100MB AT 12Z ONLY. NMC STD 47 X 51 OCTAGONAL GRID. TEMPERATURES MEASURED AT 850, 500, 400 300, 250, 200, 150, 100MB.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 384

303

TITLE: 300 MB HEIGHTS, NORTHERN HEMISPHERE (1950 TO 1957).

PARAMETERS: HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1950

End: DEC 1957

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15N-POLE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE

REMARKS: FROM USAF AND WBAN CHART VALUES READ TO NEAREST 100FT. 5 LATX 10 LONG DIAMOND GRID

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 492

304

TITLE: SEA LEVEL PRESSURE, NMC GRID ANALYSIS, NORTHERN HEMISPHERE (1973 TO PRESENT).

PARAMETERS: SEA LEVEL PRESSURE

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 385

305

TITLE: OBSERVED DAILY TOTAL PRECIPITATION, 286 U.S. CITIES, (1973 TO PRESENT).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: 286 UNITED STATES CITIES

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 386

306

TITLE: UPPER AIR HEIGHTS: 1000-100MB, NMC GRID ANALYSES, NORTHERN HEMISPHERE (1973 TO PRESENT).

PARAMETERS: HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: TEMPERATURES ABOVE 100MB AT 12 Z ONLY.
NMC STD. 47 X 51 OCTAGONAL GRID. HEIGHTS
MEASURED AT 1000, 850, 700, 500, 400, 300, 200, 150,
100MB.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 383

307

TITLE: OBSERVED MINIMUM SURFACE AIR TEMPERATURE,
143 US CITIES, (1973 TO PRESENT).

PARAMETERS: TEMPERATURE MINIMUM

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: 143 UNITED STATES CITIES

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 387

308

TITLE: TROPOPAUSE TEMPERATURE, NMC GRID ANALYSIS,
NORTHERN HEMISPHERE (1973 TO PRESENT).

PARAMETERS: TEMPERATURE, STANDARD UPPER AIR
METEOROLOGY, TROPOPAUSE

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N
NMC STD 47 X 51 OCTAGONAL GRID

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 390

309

TITLE: UPPER AIR U, V-WIND COMPONENTS, 850-200MB
LEVELS, NMC GRID ANALYSES, TROPICAL BELT 48S-48N
(1973 TO PRESENT).

PARAMETERS: WIND - MERIDIONAL COMPONENT, WIND -
ZONAL COMPONENT, STANDARD UPPER AIR
METEOROLOGY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL TROPICAL BELT, 48S TO
48N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: MEASUREMENTS AT THE 850, 700, 500, 300, 200
AND 250MB LEVELS. NMC 73X23 PT. TROPICAL GRID.
DATA FOR U COMPONENT OF WIND DIRECTION ONLY.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 392

310

TITLE: UPPER AIR TEMPERATURES: 850-200MB LEVELS,
NMC GRID ANALYSES, TROPICAL BELT 48S-48N (1973
TO PRESENT).

PARAMETERS: TEMPERATURE, STANDARD UPPER AIR
METEOROLOGY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL TROPICAL BELT, 48S TO
48N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: TEMPERATURE AT 850, 700, 500, 300, 250 MB.
LEVELS. NMC 73-23 PT. TROPICAL GRID

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 391

311

TITLE: OBSERVED MAXIMUM SURFACE AIR TEMPERATURE,
143 U.S. CITIES, (1973 TO PRESENT).

PARAMETERS: TEMPERATURE MAXIMUM

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90 N
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: NONE
HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
DATA SET IDENTIFIER: 389

312

TITLE: DAILY HEIGHT AND TEMPERATURE AT THE 50 AND 30 MB LEVELS, NORTHERN HEMISPHERE (1973 TO PRESENT).
PARAMETERS: TEMPERATURE, HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY
PERIOD OF OBSERVATION: 8 YEARS
Start: MAY 1973
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: SOME EARLIER DATA IS ALSO AVAILABLE. HEIGHTS AND TEMPERATURE DATA TAKEN AT 50 AND 30 MB. LEVELS. ORIGINAL PROCESSING CENTER WAS FREE UNIVERSITY OF BERLIN, BERLIN, GERMANY.
HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
DATA SET IDENTIFIER: 440

313

TITLE: NMC GRID VERTICAL VELOCITY AT 850, 500, 200MB LEVELS, NORTHERN HEMISPHERE (1973-PRESENT)
PARAMETERS: VERTICAL WIND VELOCITY
PERIOD OF OBSERVATION: 8 YEARS
Start: JAN 1973
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: NMC 47 X 51 OCTAGONAL GRID
HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
DATA SET IDENTIFIER: 532

314

TITLE: TWICE DAILY SURFACE PRESSURE AND TEMPERATURE, NORTHERN HEMISPHERE (1965-1972)
PARAMETERS: TEMPERATURE, PRESSURE
PERIOD OF OBSERVATION: 8 YEARS
Start: MAY 1965
End: DEC 1972
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: SURFACE TEMPERATURE DATA START OCT.4, 1965. NMC STD 47 X 51 OCTAGONAL GRID
HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
DATA SET IDENTIFIER: 534

315

TITLE: NMC GRID ANALYSIS-UPPER AIR U, V WIND COMPONENTS. 850 THROUGH 100 MB. LEVELS, NORTHERN HEMISPHERE (1973 TO PRESENT).
PARAMETERS: WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT, STANDARD UPPER AIR METEOROLOGY
PERIOD OF OBSERVATION: 8 YEARS
Start: JAN 1973
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15 TO 90N.
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: ANALYSIS FOR 350, 700, 500, 400, 300, 200, 150, AND 100 MB LEVELS. WIND PARAMETERS INCLUDE U AND V COMPONENTS. NMC 47X51 OCTAGONAL GRID.
HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
DATA SET IDENTIFIER: 537

316

TITLE: NMC GRID ANALYSIS, AVERAGE RELATIVE HUMIDITY FOR THE LAYERS: SURFACE-900MB, 1000-666MB, AND 666-333MB, NORTHERN HEMISPHERE (1973-PRESENT)
PARAMETERS: RELATIVE HUMIDITY
PERIOD OF OBSERVATION: 8 YEARS
Start: JAN 1973
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC 47 X 51 OCTAGONAL GRID

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 531

317

TITLE: NMC GRID ANALYSIS: TROPOPAUSE PRESSURE,
NORTHERN HEMISPHERE (1973 TO PRESENT).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC 47 X 51 OCTAGONAL GRID

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 539

318

TITLE: 400MB LEVEL HEIGHTS AND TEMPERATURES,
NORTHERN HEMISPHERE, (1964 TO 1972).

PARAMETERS: TEMPERATURE, HEIGHT OF PRESSURE SUR-
FACES

PERIOD OF OBSERVATION: 9 YEARS

Start: MAY 1964

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 473

319

TITLE: UPPER AIR HEIGHTS AND TEMPERATURES AT THE
50, 30 AND 10 MB LEVELS, NORTHERN HEMISPHERE
(1964 TO 1972).

PARAMETERS: TEMPERATURE, HEIGHT OF PRESSURE SUR-
FACES

PERIOD OF OBSERVATION: 9 YEARS

Start: MAY 1964

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID. ANALYSES
2/DAY FROM SEPT.18, 1970.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 461

320

TITLE: 150 MB AND 100 MB LEVEL TEMPERATURES,
NORTHERN HEMISPHERE, (1963 TO 1972).

PARAMETERS: TEMPERATURE, STANDARD UPPER AIR
METEOROLOGY

PERIOD OF OBSERVATION: 10 YEARS

Start: FEB 1963

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: APRIL 1963 AND SEVERAL MONTHS IN 1964 MIS-
SING. CONTINUOUS 2/DAY STARTING IN MAY, 1965.
NMC STD. 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 456

321

TITLE: 150 AND 100 MB HEIGHTS, NORTHERN HEMISPHERE
(1963 TO 1972).

PARAMETERS: HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1963

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: CONTINUOUS 2/DAY STARTING IN MAY, 1965.
NMC STD. 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
DATA SET IDENTIFIER: 475

322

TITLE: GEOSTROPHIC WIND ANALYSIS, 850-200 MB,
NORTHERN HEMISPHERE, (1963-1972)
PARAMETERS: WIND - MERIDIONAL COMPONENT, WIND -
ZONAL COMPONENT
PERIOD OF OBSERVATION: 10 YEARS
Start: AUG 1963
End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N
DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN

REMARKS: WINDS BELOW 300 MB DROPPED AFTER 00Z, 1
JUNE 1964. 500, 400, 250, 150 MB WINDS ADDED 20
APRIL 1965. 850, 700 MB WIND ADDED 11 AUG 1966 TO
COMPLETE 850-100 MB SET. NMC STD 47X51 PT. OC-
TAGONAL GRID.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 542

323

TITLE: TWICE DAILY SEA SURFACE TEMPERATURE GRIDS,
NORTHERN HEMISPHERE (1961-1972)
PARAMETERS: TEMPERATURE
PERIOD OF OBSERVATION: 10 YEARS
Start: NOV 1961
End: JAN 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE
DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: 5 TAPES

REMARKS: 63 X 63 NH GRID

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 545

324

TITLE: UPPER AIR TEMPERATURES (850-200MB), NORTHERN
HEMISPHERE, (1962 TO 1972).
PARAMETERS: TEMPERATURE
PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1962

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N
DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 472

325

TITLE: 700 AND 200MB HEIGHTS, NORTHERN HEMISPHERE
(1962 TO 1972).

PARAMETERS: HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1962

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N
DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 470

326

TITLE: 1000 MB HEIGHTS, NORTHERN HEMISPHERE (1962
TO 1972).

PARAMETERS: HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1962

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N
DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN

REMARKS: SOMETIMES ONLY AVAILABLE AS 1000-500MB
THICKNESS AND 500MB HEIGHT. DATA FROM NMC
FINAL ANALYSES TAPES. NMC STD. 47 X 51 OCTAGONAL
GRID.

HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 468

327

TITLE: 300 MB HEIGHTS, NORTHERN HEMISPHERE (1961 TO 1972).

PARAMETERS: HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 12 YEARS

Start: MAR 1961

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC STD. 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 471

328

TITLE: 850 AND 500 MB HEIGHTS, NORTHERN HEMISPHERE (1958 TO 1972).

PARAMETERS: HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 14 YEARS

Start: OCT 1958

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: DATA ONCE PER DAY THROUGH NOVEMBER, 1962. NMC STD. 47 X 51 OCTAGONAL GRID.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 469

329

TITLE: AIRCRAFT-DERIVED MONTHLY MEAN WINDS ABOVE 28,000 FT, GLOBAL (1960 TO 1973).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 14 YEARS

Start: JAN 1960

End: DEC 1973

GEOGRAPHICAL AREA: GLOBAL STRIP: 45N-30S

DATA TYPE: MEAN - MONTHLY

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: MONTHLY MEANS AVERAGED OVER 5 BY 5 DEGREE GRIDS. DATA STRATIFIED INTO 3 LEVELS: 300, 250 AND 200 MB. OBSERVATIONS ALSO AVAILABLE

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 66

330

TITLE: AIRCRAFT WIND OBSERVATIONS ABOVE 28,000 FT, GLOBAL (1960 TO 1973).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 14 YEARS

Start: JAN 1960

End: DEC 1973

GEOGRAPHICAL AREA: GLOBAL STRIP: 45N-30S

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 2,000,000 OBSERVATIONS

REMARKS: DATA CONCENTRATED ALONG MAJOR AIR ROUTES. GRIDDED MEANS ALSO AVAILABLE. SEE SADLER, J.C. 1975: THE UPPER TROPOSPHERIC CIRCULATION OVER THE GLOBAL TROPICS. U. OF HAWAII, UHMET 75-05.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 67

331

TITLE: STRATOSPHERIC TEMPERATURE AND HEIGHT DATA, 100MB-5MB, NORTHERN HEMISPHERE (1956 TO 1971).

PARAMETERS: TEMPERATURE, HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 16 YEARS

Start: JAN 1956

End: DEC 1971

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 10N-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 12 INCH

VOLUME: A TAPE

REMARKS: 10 LAT. X 10 LONG. GRID. GRID DATA FROM GERMAN HAND ANALYZED MAPS. DATA FOR THE 100, 50, 30, 10 AND 5 MB LEVELS.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 429

332

TITLE: SEA LEVEL PRESSURE AND SURFACE AIR TEMPERATURE, NORTHERN HEMISPHERE (1965 TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE

PERIOD OF OBSERVATION: 16 YEARS

Start: MAY 1965

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: SURFACE AIR TEMPERATURE DATA COMMENCING OCTOBER 4, 1965 (NMC 47 X 51 OCTAGONAL GRID).

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 420

333

TITLE: UPPER AIR OBSERVED WINDS, INCLUDING AIRCRAFT AND SATELLITE DATA, GLOBAL (1962 TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, DROUGHT SEVERITY INDEX, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 19 YEARS

Start: MAR 1962

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 377 TAPES

REMARKS: DATA AT NCC WITHOUT AIRCRAFT DATA; NORTHERN HEMISPHERE ONLY BEFORE JUNE 1966.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 442

334

TITLE: SEA LEVEL PRESSURE AND 700MB HEIGHT AND TEMPERATURE, NORTHERN HEMISPHERE (1947 TO 1967).

PARAMETERS: TEMPERATURE, PRESSURE, HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1947

End: AUG 1967

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 700MB HEIGHT AND TEMPERATURE END JUNE, 1967. LESS GRID COVERAGE IN EARLIER YEARS. 5 LAT X 10 LONG DIAMOND GRID.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 421

335

TITLE: MONTHLY MEAN UPPER TROPOSPHERIC WINDS, GLOBAL (1953 TO 1973).

PARAMETERS: WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1953

End: DEC 1973

GEOGRAPHICAL AREA: GLOBAL STRIP: 45N-30S

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE, 2 ATLASES

REMARKS: MONTHLY MEANS OF ANALYZED MAPS, GRID POINT U & V WIND COMPONENTS ALSO AVAILABLE.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 68

336

TITLE: SEA LEVEL PRESSURE AND 700 MB LEVEL HEIGHT AND TEMPERATURE DATA, NORTHERN HEMISPHERE (1947 TO 1967).

PARAMETERS: TEMPERATURE, PRESSURE, HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1947

End: AUG 1967

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 700 MB H, T DATA END JUNE 1967

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 540

337

TITLE: CLIMATOLOGY OF LOWER STRATOSPHERIC HEIGHTS, TEMPERATURES AND WINDS, 100-10MB, NORTHERN HEMISPHERE (1950 TO 1972)

PARAMETERS: TEMPERATURE, WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT, HEIGHT OF PRESSURE SURFACES, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 23 YEARS

Start: JAN 1950

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS, FILM/MOVIE, MICROFILM, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE, 2 ATLAS VOLUMES, 5, 000 FRAMES OF MICROFILM

REMARKS: DATA ARE AT THE 100, 50, 30, AND 10MB LEVELS. WIND PARAMETER INCLUDES U AND V COMPONENTS.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 405

338

TITLE: NORTHERN HEMISPHERE SEA LEVEL PRESSURE GRIDS FROM HISTORICAL MAPS (1899 TO 1939).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 41 YEARS

Start: JAN 1899

End: JUN 1939

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 20-80N, WITH NO DATA AT 75N.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 3 TAPES

REMARKS: 5 LAT. X 10 LONG. DIAMOND GRID

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 416

339

TITLE: STATE, REGIONAL, AND NATIONAL MONTHLY AND ANNUAL TEMPERATURES, PRECIP, HEATING AND COOLING DEGREE DAYS (1931-1977)

PARAMETERS: TEMPERATURE, PRECIPITATION, COOLING DEGREE DAYS, HEATING DEGREE DAYS

PERIOD OF OBSERVATION: 47 YEARS

Start: JAN 1931

End: DEC 1977

GEOGRAPHICAL AREA: 48 CONTIGUOUS STATES OF US

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 4 PUBLICATIONS

REMARKS: UPDATED VERSIONS OF EACH PUBLICATION ARE PUBLISHED APPROXIMATELY EVERY 2 YEARS. BASIC DATA FOR HEATING-AND COOLING-DEGREE DAYS ARE COMPILED MONTHLY FOR EACH STATE.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 543

340

TITLE: DAILY SEA LEVEL PRESSURE, NORTHERN HEMISPHERE (1899 TO 1972).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 74 YEARS

Start: JAN 1899

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 18-50N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: COMBINED SOURCES, INTERPOLATED OR ADDED DATA. MUCH OF EASTERN RUSSIA MISSING. UNIFORM 5 DEG LAT-LONG GRID.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 418

341

TITLE: SURFACE STATION MONTHLY MEANS OF PRESSURE, TEMPERATURE AND PRECIPITATION, GLOBAL (1731 TO 1973).

PARAMETERS: TEMPERATURE, PRESSURE, PRECIPITATION, RAINFALL INTENSITY, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 243 YEARS

Start: 1731

End: DEC 1973

GEOGRAPHICAL AREA: GLOBAL (1 STATION IN 1731, 12 IN 1800, 438 IN 1900, 1722 IN 1970)

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 2 MAGNETIC TAPES

REMARKS: INCLUDES DATA FROM NCC WORLD WEATHER RECORDS AND SMITHSONIAN WEATHER RECORDS.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 439

342

TITLE: SURFACE METEOROLOGICAL OBSERVATIONS, SYNOPTIC SEQUENCE, GLOBAL (1973 TO PRESENT).

PARAMETERS: STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 18 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: THESE DATA ARE IN SYNOPTIC CODE

HOLDING CENTER:

NATIONAL METEOROLOGICAL CENTER
U.S. NATIONAL WEATHER SERVICE, NOAA

DATA SET IDENTIFIER: 443

343

TITLE: CEILING-VISIBILITY CLIMATOLOGICAL STUDY AND
SYSTEM ENHANCEMENT FACTORS IN THE UNITED
STATES AND PUERTO RICO (1948 TO 1966).

PARAMETERS: VISIBILITY, CLOUD CEILING HEIGHT

PERIOD OF OBSERVATION: 19 YEARS

Start: JAN 1948

End: DEC 1966

GEOGRAPHICAL AREA: 271 AIRFIELDS IN THE UNITED
STATES AND PUERTO RICO.

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 138 PAGE PUBLICATION.

REMARKS: STATISTICAL SUMMARIES INCLUDE SYSTEM
ENHANCEMENT FACTORS - ESTIMATES OF THE PERCENTAGE
OF TIME THAT INSTRUMENT SYSTEMS WILL BE OF
ASSISTANCE TO AIRCRAFT

HOLDING CENTER:

NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE

DATA SET IDENTIFIER: 512

344

TITLE: PRECIPITATION FREQUENCY FOR THE EASTERN
AND CENTRAL UNITED STATES (1935 TO 1977).

PARAMETERS: RAINFALL INTENSITY

PERIOD OF OBSERVATION: 43 YEARS

Start: JAN 1935

End: DEC 1977

GEOGRAPHICAL AREA: EASTERN AND CENTRAL UNITED
STATES

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 1 PUBLICATION

REMARKS: INCLUDES PRECIPITATION FREQUENCY MAPS
FOR DURATIONS OF FIVE MINUTES TO 24 HOURS AT
RETURN PERIODS OF 2 TO 100 YEARS AND 5 MINUTES
TO 24 HOURS. NTIS ORDER NUMBER: PB 272 112/AS.
SUPERSEDES WEATHER BUREAU TECHNICAL PAPER
NO. 40 (1961) FOR CENTRAL AND EASTERN U.S.

HOLDING CENTER:

NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE

DATA SET IDENTIFIER: 519

345

TITLE: MARINERS WORLDWIDE CLIMATIC GUIDE TO
TROPICAL STORMS AT SEA. (PUBLISHED 1974)

PARAMETERS: SEA STATE, STORM TRACKS

PERIOD OF OBSERVATION: UNKNOWN

Start: UNKNOWN

End: JAN 1974

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: PUBLICATION, CHARTS/MAPS

VOLUME: 1 PUBLICATION

REMARKS: THIS GUIDE PROVIDES NARRATIVE INFORMATION
ABOUT TROPICAL STORMS, THEIR FREQUENCY OF
OCCURRENCE, AND THE GENERAL PATHS THEY FOLLOW.

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S. GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 480

346

TITLE: NOAA ATLAS 2, PRECIPITATION FREQUENCY ATLAS
OF THE WESTERN UNITED STATES (1973 EDITION).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: UNKNOWN

Start: UNKNOWN

End: DEC 1973

GEOGRAPHICAL AREA: WESTERN U.S.: MT, WY, CO, NM, ID,
UT, NV, AZ, WA, OR, CA.

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: 11 VOLUMES, ONE VOLUME FOR EACH OF THE
WESTERN STATES.

REMARKS: INCLUDES MAPS FOR THE 6- AND 24-HOUR
PRECIPITATION DURATIONS FOR RETURN PERIODS OF
2-, 5-, 10-, 25-, 50-, AND 100-YEARS. SUPERSEDES
WEATHER BUREAU TECHNICAL PAPER NO. 40 (1961)
FOR WESTERN U.S.

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S. GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 518

347

TITLE: MONTHLY, SEASONAL AND ANNUAL AVERAGE CIRCULATIONS IN THE TROPOSPHERE OVER THE TROPICS (1968-1972)

PARAMETERS: WIND - MERIDIONAL COMPONENT, WIND - ZONAL COMPONENT, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1968

End: AUG 1972

GEOGRAPHICAL AREA: TROPICAL BAND - 48N TO 48S.

DATA TYPE: MEAN - MONTHLY

Organization: FIELD

MEDIA: PUBLICATION, CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: U AND V WIND COMPONENTS, WIND SPEEDS, STANDARD DEVIATIONS OF THESE VARIABLES, STEADINESS FACTOR AND STREAM FUNCTION, ARE ANALYZED FOR THE 700-, 500-, 300-, 250-, AND 200-MB LEVELS. SATELLITE DATA AUGMENTS RAWINSONDE DATA.

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 510

348

TITLE: U.S. NAVY MARINE CLIMATIC ATLAS OF THE WORLD

PARAMETERS: WAVE AMPLITUDE, TIDAL PERIOD, TIDAL PHASE, WATER TEMPERATURE, ATMOSPHERE TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, PRESSURE, CURRENT DIRECTION, CURRENT SPEED, WIND SPEED, DEW POINT, RELATIVE HUMIDITY, DATE OF ICE BREAKUP, DATE OF ICE FORMATION, ICE/CONCENTRATION, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT, CLOUD COVER, STORM TRACKS

PERIOD OF OBSERVATION: UNKNOWN

Start: UNKNOWN

End: UNKNOWN

GEOGRAPHICAL AREA: GLOBAL OCEAN DATA

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: PUBLICATION

VOLUME: 5 VOLUMES

REMARKS: DATA IS PUBLISHED IN FIVE VOLUMES: VOL I - N. ATLANTIC, VOL II - N.PACIFIC, VOL III - INDIAN OCEAN, VOL IV - S. ATLANTIC, VOL V - S. PACIFIC.

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 484

349

TITLE: TROPICAL CYCLONES OF THE NORTH ATLANTIC OCEAN(1871-1977)

PARAMETERS: STORM TRACKS

PERIOD OF OBSERVATION: 107 YEARS

Start: JAN 1871

End: DEC 1977

GEOGRAPHICAL AREA: NORTH ATLANTIC OCEAN INCLUDING THE CARIBBEAN AND THE GULF OF MEXICO

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: NARRATIVE INFORMATION PROVIDED INCLUDES A DISCUSSION OF THE CHARACTERISTICS OF TROPICAL CYCLONES, CLASSIFICATION OF ATLANTIC TROPICAL CYCLONES, DATA SOURCES USED, ACCURACY OF TRACKS AND INTENSITY CLASSIFICATIONS.

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 483

350

TITLE: UPPER AIR METEOROLOGICAL DATA, ONCE PER HOUR, SURFACE TO 300 MB, WHITE SANDS MISSILE RANGE, NEW MEXICO (NOV-DEC 1974).

PARAMETERS: TEMPERATURE, PRESSURE, RELATIVE HUMIDITY, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 0 YEARS

Start: NOV 1974

End: DEC 1974

GEOGRAPHICAL AREA: WHITE SANDS MISSILE RANGE, NEW MEXICO

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: BALLOON POSITION DATA ALSO AVAILABLE.

HOLDING CENTER:

ATMOSPHERIC SCIENCES LABORATORY
U.S.ARMY ELECTRONICS COMMAND

DATA SET IDENTIFIER: 567

351

TITLE: UPPER AIR DATA, WHITE SANDS MISSILE RANGE, NEW MEXICO (1961 TO 1977).

PARAMETERS: TEMPERATURE, PRESSURE, WIND SPEED, DEW POINT, MIXING RATIO (WATER VAPOR/DRY AIR), RELATIVE HUMIDITY, STANDARD UPPER AIR METEOROLOGY, INDEX OF REFRACTION, SOUND VELOCITY

PERIOD OF OBSERVATION: 17 YEARS

Start: JAN 1961

End: DEC 1977

GEOGRAPHICAL AREA: WITHIN THE WHITE SANDS MISSILE RANGE, N.M., AND GREEN RIVER, UTAH.

DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUBLICATION, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: SOUNDING FREQUENCY VARIED FROM 8 TO 70 PER MONTH.
HOLDING CENTER:
ATMOSPHERIC SCIENCES LABORATORY
U.S.ARMY ELECTRONICS COMMAND
DATA SET IDENTIFIER: 574

352

TITLE: SURFACE METEOROLOGICAL OBSERVATIONS, WHITE SANDS MISSILE RANGE, NM (1951-1977)
PARAMETERS: TEMPERATURE, WET BULB TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, PRECIPITATION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT, CLOUD COVER, CLOUD TYPE, WEATHER
PERIOD OF OBSERVATION: 27 YEARS
Start: JAN 1951
End: DEC 1977
GEOGRAPHICAL AREA: WITHIN THE WHITE SANDS MISSILE RANGE
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUBLICATION, LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, MACHINE PRINTED HARD COPY
VOLUME: UNKNOWN
REMARKS: 7 SITES. DATA INCLUDE INFORMATION ON WEATHER OBSTRUCTION
HOLDING CENTER:
ATMOSPHERIC SCIENCES LABORATORY
U.S.ARMY ELECTRONICS COMMAND
DATA SET IDENTIFIER: 550

353

TITLE: TEMPERATURE AND WIND SPEED PROFILE DATA, SURFACE TO 8 METERS, LITTLE AMERICA V, ANTARCTICA (1957-1958)
PARAMETERS: TEMPERATURE, WIND SPEED
PERIOD OF OBSERVATION: 2 YEARS
Start: JAN 1957
End: DEC 1958
GEOGRAPHICAL AREA: LITTLE AMERICA V, ANTARCTICA 78-12S, 162-11W
DATA TYPE: OBSERVED DATA
Organization: POINT
MEDIA: PUBLICATION, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN

REMARKS: TEMP AT SFC, 3, 6, 12, 25, 50, 100, 200, 400, 800 CM. WIND SPEED AT TOP 6 LEVELS
HOLDING CENTER:
U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060
DATA SET IDENTIFIER: 557

354

TITLE: METEOROLOGICAL DATA INSIDE A FOREST CANOPY, THAILAND (1968 TO 1970).
PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, DEW POINT, PRECIPITATION, STANDARD SURFACE METEOROLOGY, GLOBAL SOLAR RADIATION, GLOBAL IR RADIATION, DIRECT SOLAR RADIATION, REFLECTED SOLAR RADIATION, EMITTED RADIATION, SOLAR RADIATION, UV RADIATION, LIGHT INTENSITY
PERIOD OF OBSERVATION: 3 YEARS
Start: JAN 1968
End: DEC 1970
GEOGRAPHICAL AREA: DRY EVERGREEN FOREST SITE, KHORAT PLATEAU, THAILAND.
DATA TYPE: OBSERVED DATA
Organization: POINT
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: TEMPERATURE AND DEW POINT DATA AT, 5, 1, 2, 4, 6, 8, 12, 16, 36, 40, AND 46 METERS. WIND DATA AT 1, 2, 4, 8, 16, 24, 32, 46 METERS. PRECIPITATION AND RADIATION DATA AT 1 AND 46 METERS. MULTIDISCIPLINARY ENVIRONMENTAL PROGRAM IN MONSOONAL S.E. ASIA.
HOLDING CENTER:
U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060
DATA SET IDENTIFIER: 585

355

TITLE: SUMMARIES OF DAILY FREQUENCIES OF SURFACE TEMPERATURE AND WIND, CHINA (1956-1962)
PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, STANDARD SURFACE METEOROLOGY
PERIOD OF OBSERVATION: 6 YEARS
Start: AUG 1956
End: JUN 1962
GEOGRAPHICAL AREA: MAINLAND CHINA - 15 STATIONS
DATA TYPE: DERIVED DATA
Organization: NETWORK
MEDIA: MACHINE PRINTED HARD COPY
VOLUME: UNKNOWN
REMARKS: 15 STATIONS
HOLDING CENTER:
U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060
DATA SET IDENTIFIER: 561

356

TITLE: MONTHLY AND ANNUAL TEMPERATURE AND WIND FREQUENCY TABLES, NORTH AMERICA AND EURASIA (1946-1956)

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1946

End: DEC 1956

GEOGRAPHICAL AREA: NORTH AMERICA, GREENLAND, EUROPE, AND ASIA.

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: VARIABLE LENGTH OF RECORD, 342 STATIONS

HOLDING CENTER:

U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 556

357

TITLE: MONTHLY SURFACE CLIMATE DATA, GLOBAL (1948 TO PRESENT)

PARAMETERS: TEMPERATURE, PRESSURE, VAPOR PRESSURE, PRECIPITATION, STANDARD SURFACE METEOROLOGY, SUNSHINE

PERIOD OF OBSERVATION: 33 YEARS

Start: JAN 1948

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: APPROX. 1110 WMO STATIONS

HOLDING CENTER:

U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 584

358

TITLE: MONTHLY UPPER AIR CLIMATE DATA, GLOBAL (1948-PRESENT)

PARAMETERS: STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 33 YEARS

Start: JAN 1948

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: APPROXIMATELY 1110 WMO STATIONS

HOLDING CENTER:

U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 555

359

TITLE: SELECTED DAILY SURFACE METEOROLOGICAL OBSERVATIONS, CANADA, (1946 TO PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, PRECIPITATION, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 35 YEARS

Start: JAN 1946

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA - 20 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 576

360

TITLE: SURFACE METEOROLOGICAL DATA- AIRFIELD SUMMARIES, GLOBAL (1903 TO PRESENT).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, DEW POINT, RELATIVE HUMIDITY, PRECIPITATION, SNOWFALL, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD CEILING HEIGHT, WEATHER

PERIOD OF OBSERVATION: 78 YEARS

Start: JAN 1903

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL- APPROXIMATELY 3000 STATIONS

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: VOLUMES 1-10

REMARKS: PERIOD OF RECORD VARIES FROM STATION TO STATION.

HOLDING CENTER:

U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 554

361

TITLE: DAILY SURFACE METEOROLOGICAL OBSERVATIONS, HANOVER, NEW HAMPSHIRE (1973 TO PRESENT).

PARAMETERS: LAND TEMPERATURE, ATMOSPHERE TEMPERATURE, WIND SPEED, DEW POINT, RELATIVE HUMIDITY, EVAPORATION, PRECIPITATION, SNOWFALL, SNOW DEPTH, STANDARD SURFACE METEOROLOGY, SOLAR RADIATION

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: HANOVER, NEW HAMPSHIRE

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH,
MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

U.S.ARMY COLD REGION RESEARCH AND
ENGINEERING LABORATORY

DATA SET IDENTIFIER: 568

362

TITLE: UPPER AIR WIND DATA FOR MANDATORY AND
SIGNIFICANT LEVELS, GLOBAL (1973 TO PRESENT).

PARAMETERS: PRESSURE, WIND SPEED, WIND DIRECTION,
CLOUD HEIGHT, STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN AND SOUTHERN
HEMISPHERES.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: PIBAL HEIGHT OBTAINED FROM ASSUMED
ASCENSION RATE, PRESSURE FROM ASSUMED
PRESSURE-HEIGHT RELATIONSHIP. MAXIMUM WIND
LEVEL DATA AND LAYER MEAN WIND DATA ARE
INCLUDED.

HOLDING CENTER:

ENVIRONMENTAL TECHNICAL APPLICATIONS CTR
USAF AIR WEATHER SERVICE

DATA SET IDENTIFIER: 692

363

TITLE: MONTHLY FREQUENCIES OF HIGHLY REFLECTIVE
CLOUDS, GLOBAL STRIP - 20N TO 20S (1971 TO 1973).

PARAMETERS: VISIBLE RADIATION

PERIOD OF OBSERVATION: 3 YEARS

Start: MAY 1971

End: DEC 1973

GEOGRAPHICAL AREA: GLOBAL STRIP: 20N-20S

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: DAILY FREQUENCIES OF HIGHLY REFLECTIVE
CLOUDS ALSO AVAILABLE FOR SELECTED MONTHS.

HOLDING CENTER:

DEPARTMENT OF METEOROLOGY
THE UNIVERSITY OF HAWAII

DATA SET IDENTIFIER: 75

364

TITLE: MONTHLY MEAN UPPER TROPOSPHERIC CIRCULA-
TION, WESTERN HEMISPHERE TROPICS (OCT 1974 TO
PRESENT).

PARAMETERS: WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 6 YEARS

Start: SEP 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: TROPICAL BELT: 4S-40N, 30W-180W.

DATA TYPE: MEAN - MONTHLY

Organization: GRID

MEDIA: CHARTS/MAPS

VOLUME: 1 ATLAS

REMARKS: STREAMLINE, ISOTACH ANALYSIS ON A 2
DEGREE OF LATITUDE BY 10 DEGREE OF LONGITUDE
GRID

HOLDING CENTER:

DEPARTMENT OF METEOROLOGY
THE UNIVERSITY OF HAWAII

DATA SET IDENTIFIER: 73

365

TITLE: GLOBAL TROPICAL CLOUDINESS (FEB 1965 TO JULY
1973).

PARAMETERS: CLOUD COVER

PERIOD OF OBSERVATION: 9 YEARS

Start: FEB 1965

End: JUL 1973

GEOGRAPHICAL AREA: TROPICAL BAND: 30N-30S

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STAN-
DARD 1/2 INCH

VOLUME: 1 TAPE

REMARKS: REFERENCE: SADLER, J.C., 1968: AVERAGE
CLOUDINESS IN THE TROPICS FROM SATELLITE OBSER-
VATIONS. EAST-WEST CENTER PRESS, HONOLULU,
HAWAII.

HOLDING CENTER:

DEPARTMENT OF METEOROLOGY
THE UNIVERSITY OF HAWAII

DATA SET IDENTIFIER: 71

366

TITLE: MONTHLY MEAN CLOUDINESS OVER THE GLOBAL
TROPICS (FEB 1965 TO JULY 1973).

PARAMETERS: CLOUD COVER

PERIOD OF OBSERVATION: 9 YEARS

Start: FEB 1965

End: JUL 1973

GEOGRAPHICAL AREA: TROPICAL BAND: 30N-30S

DATA TYPE: MEAN - MONTHLY

Organization: GRID

MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE

REMARKS: REFERENCE: SADLER, J.C., 1968: AVERAGE CLOUDINESS IN THE TROPICS FROM SATELLITE OBSERVATIONS. EAST-WEST CENTER PRESS, HONOLULU, HAWAII.

HOLDING CENTER:

DEPARTMENT OF METEOROLOGY
THE UNIVERSITY OF HAWAII

DATA SET IDENTIFIER: 72

367

TITLE: MONTHLY MEANS OF PACIFIC OCEAN CLOUDINESS (FEB 1965 TO JULY 1973).

PARAMETERS: CLOUD COVER

PERIOD OF OBSERVATION: 9 YEARS

Start: FEB 1965

End: JUL 1973

GEOGRAPHICAL AREA: PACIFIC OCEAN:60N-30S AND 105E-075W

DATA TYPE: MEAN - MONTHLY

Organization: GRID

MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE AND 1 ATLAS

REMARKS: REFERENCE: SADLER, J.C., ODA AND B.J.KILOUSKY, 1976: PACIFIC OCEAN CLOUDINESS FROM SATELLITE OBSERVATIONS, UNIVERSITY OF HAWAII. UHMET 76-1 (ATLAS).

HOLDING CENTER:

DEPARTMENT OF METEOROLOGY
THE UNIVERSITY OF HAWAII

DATA SET IDENTIFIER: 70

368

TITLE: PACIFIC OCEAN CLOUDINESS (FEB 1965 TO JULY 1973).

PARAMETERS: CLOUD COVER

PERIOD OF OBSERVATION: 9 YEARS

Start: FEB 1965

End: JUL 1973

GEOGRAPHICAL AREA: PACIFIC OCEAN:60N-30S AND 105E-075W

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE AND 1 ATLAS

REMARKS: REFERENCE: SADLER, J.C., ODA AND B.J.KILOUSKY, 1976: PACIFIC OCEAN CLOUDINESS FROM SATELLITE OBSERVATIONS. UNIVERSITY OF HAWAII. UHMET 76-1 (ATLAS).

HOLDING CENTER:

DEPARTMENT OF METEOROLOGY
THE UNIVERSITY OF HAWAII

DATA SET IDENTIFIER: 69

369

TITLE: GLOBAL HEAT BUDGET DATA FROM GRIDDED SATELLITE IR DATA, (1964 TO 1970).

PARAMETERS: SATELLITE IMAGERY, INFRARED RADIATION, NET RADIATION, ALBEDO

PERIOD OF OBSERVATION: 6 YEARS

Start: JUL 1964

End: JAN 1970

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE, ATLAS.

REMARKS: VARIOUS SATELLITES AND PERIODS INCLUDED. REFERENCE: VONDER HAAR, THOMAS H., AND JAMES S. ELLIS, 1974: ATLAS OF RADIATION BUDGET MEASUREMENTS FROM SATELLITES (1962-1970). ATMOSPHERIC SCIENCES PAPER NO. 231, DEPARTMENT OF ATMOSPHERIC SCIENCES, COLORADO STATE UNIVERSITY, FT. COLLINS, COLO., 180 PP AND MICROFILM.

HOLDING CENTER:

DEPARTMENT OF ATMOSPHERIC SCIENCES
COLORADO STATE UNIVERSITY

DATA SET IDENTIFIER: 573

370

TITLE: NORTHERN HEMISPHERE SEA ICE CONCENTRATION GRID (1953-1977)

PARAMETERS: TEMPERATURE, PRESSURE, ICE/CONCENTRATION, HEIGHT OF PRESSURE SURFACES

PERIOD OF OBSERVATION: 25 YEARS

Start: JAN 1953

End: DEC 1977

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: FOR THE ICE CONCENTRATION GRIDS, DATA SOURCES INCLUDE U.S. NAVY, CANADIAN, ICELANDIC, AND NORWEGIAN F.W.F, BRITISH MET. OFFICE, AND DANISH- ARCTIC SEAS OFFICE.

HOLDING CENTER:

LABORATORY FOR ATMOSPHERIC RESEARCH
UNIVERSITY OF ILLINOIS

DATA SET IDENTIFIER: 570



2 **Hydrology, Precipitation, Snow, and Ice**

371

TITLE: ARCTIC ICE COVER AND NORTHERN ICE LIMIT, ANTARCTICA (1966-1978)

PARAMETERS: ICE COVER

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1966

End: JUN 1978

GEOGRAPHICAL AREA: ARCTIC AND ANTARCTIC OCEANS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: ARCTIC DATA FROM JAN 1966 TO DEC 1976 BY BRITISH METEOROLOGICAL OFFICE. ANTARCTIC DATA DERIVED FROM WEEKLY CHARTS OF U.S. NAVY FLEET WEATHER FACILITY AND RUNS FROM JAN 1973 TO JUNE 1978.

HOLDING CENTER:

MAX-PLANCK-INSTITUT FUR METEOROLOGIE

DATA SET IDENTIFIER: 580

372

TITLE: PRECIPITATION DATA FROM MONTREAL RADAR (1974 TO PRESENT)

PARAMETERS: RAINFALL INTENSITY

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: MONTREAL AND QUEBEC, CANADA

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: RAW RADAR DATA POLAR GRID .

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 122

373

TITLE: PRECIPITATION AND TEMPERATURE DATA FROM HYDROMETEOROLOGICAL AUTOMATIC TELEMETRY SYSTEM (HATS) IN BRITISH COLUMBIA (1972 TO PRESENT)

PARAMETERS: TEMPERATURE, PRECIPITATION, SNOW-FALL

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: 4 STATIONS IN B.C., MID-COLUMBIA RIVER DRAINAGE BASIN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: PRECIPITATION AMOUNT ESTIMATED CANNOT BE RELIED UPON AS LIQUID, FREEZING OR FROZEN. REFERENCE AES CIRCULAR DS-2-76.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 120

374

TITLE: SURFACE WEATHER AND SOIL TEMPERATURES, CANADIAN DRAINAGE BASINS (1965 TO 1974).

PARAMETERS: LAND TEMPERATURE, ATMOSPHERE TEMPERATURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION, SNOW COVER, STANDARD SURFACE METEOROLOGY, HOURS OF SUNSHINE

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1965

End: DEC 1974

GEOGRAPHICAL AREA: CANADA WIDE BUT CONCENTRATED IN SPECIFIC DRAINAGE BASINS.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: DATA NOT CENTRALLY LOCATED. REFERENCE: CATALOG OF METEOROLOGICAL LOGICAL DATA FROM CANADIAN IHD RESEARCH BASIN PROJECTS. A.E.S., DOWNSVIEW, ONTARIO.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 129

375

TITLE: SEASONAL (MAY-OCT) EVAPORATION ESTIMATES (1971 TO PRESENT).

PARAMETERS: EVAPO-TRANSPIRATION

PERIOD OF OBSERVATION: 10 YEARS

Start: MAY 1971

End: CONTINUOUS

GEOGRAPHICAL AREA: SINGLE STATION NEAR TORONTO

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUNCHED CARDS

VOLUME: 9000 CARDS

REMARKS: 1971-1972 DATA NOT COMPLETE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 176

376

TITLE: DAILY RAINFALL AND RAINFALL INTENSITIES FOR THE WILSON CREEK WATERSHED IN MANITOBA (APRIL TO OCT, 1970 TO PRESENT).

PARAMETERS: PRECIPITATION, RAINFALL INTENSITY

PERIOD OF OBSERVATION: 11 YEARS

Start: APR 1970

End: CONTINUOUS

GEOGRAPHICAL AREA: WILSON CREEK MANITOBA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: DATA ABSTRACTED BY NAT'L PARKS STAFF; PUBLISHED UNCORRECTED BY AES; NOT ARCHIVED; NOT COMPUTER COMPATIBLE. NON-STANDARD GAUGES, SUPPLEMENTARY PRECIPITATION DATA.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 126

377

TITLE: RATE OF RAINFALL - MONTHLY SUMMARY OF CANADIAN STATIONS, (1970 TO PRESENT).

PARAMETERS: RAINFALL INTENSITY

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1970

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA 504 ACTIVE STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: MONTHLY SUMMARY

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 146

378

TITLE: QUANTITATIVE RADAR PRECIPITATION DATA FOR 6 CANADIAN SITES (1969 TO PRESENT)

PARAMETERS: RAINFALL INTENSITY

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: 3 RADARS IN SOUTHERN ONTARIO; 1 IN SOUTHERN QUEBEC; 1 IN B.C.; 1 IN NEW-FOUNDLAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: APPROXIMATELY 700 TAPES

REMARKS: REFERENCE: HOGG, W.D., QUALITY CONTROL AND ANALYSIS OF AN ARCHIVE OF DIGITAL RADAR DATA. PREPRINTS 18TH CONFERENCE RADAR METEOROLOGY, 1978; AMS, BOSTON, MASS.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 121

379

TITLE: DAILY PRECIPITATION MEASUREMENTS FROM CENTRAL BRITISH COLUMBIA (1967 TO PRESENT)

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 13 YEARS

Start: OCT 1967

End: CONTINUOUS

GEOGRAPHICAL AREA: 3 GAUGE NETWORK, CENTRAL BRITISH COLUMBIA, ELEVATION ABOVE 5000 FT.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 127

380

TITLE: CANADIAN RAINFALL AND SNOWFALL - LONG-DURATION RECORDING PRECIPITATION GAUGE NETWORK (1967 TO PRESENT).

PARAMETERS: PRECIPITATION, SNOWFALL

PERIOD OF OBSERVATION: 14 YEARS

Start: JAN 1967

End: CONTINUOUS

GEOGRAPHICAL AREA: ALL CANADA, GENERALLY IN REMOTE AREAS. 10 GAUGES IN 1967 TO 110 IN 1979

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 6 TYPES, 1600 BPI.

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 128

381

TITLE: AES ANNUAL EVAPORATION FOR THE GREAT LAKES (1965 TO PRESENT).

PARAMETERS: EVAPORATION

PERIOD OF OBSERVATION: 16 YEARS

Start: JAN 1965

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADIAN AND AMERICAN GREAT LAKES REGION

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: ESTIMATES BY MONTH, YEAR AND LAKE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 101

382

TITLE: AES MONTHLY EVAPORATION FOR THE GREAT LAKES (1965 TO PRESENT).

PARAMETERS: EVAPORATION

PERIOD OF OBSERVATION: 16 YEARS

Start: JAN 1965

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADIAN AND AMERICAN GREAT LAKES REGION

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: ESTIMATES BY MONTH, YEAR AND LAKE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 100

383

TITLE: PAN EVAPORATION DAILY AMOUNT CANADA (1962 TO PRESENT).

PARAMETERS: EVAPORATION

PERIOD OF OBSERVATION: 19 YEARS

Start: JAN 1962

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA: 207 STATIONS, 139 ACTIVE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 260, 000 CARD IMAGES ON 1 TAPE, 1600 BPI

REMARKS: SAME DATA AVAILABLE IN DIFFERENT FORMAT IN METRIC UNITS.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 148

384

TITLE: CANADIAN ANNUAL LAKE EVAPORATION ESTIMATES (1960 TO PRESENT).

PARAMETERS: WATER TEMPERATURE, ATMOSPHERE TEMPERATURE, WIND SPEED, WIND DIRECTION, EVAPORATION

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1960

End: CONTINUOUS

GEOGRAPHICAL AREA: EASTERN CANADA IN THE EARLY YEARS TO ALL OF CANADA AFTER 1964.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE-9 TRACK, 1600 B.P.I.

REMARKS: MONTHLY VALUES ALSO AVAILABLE.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 115

385

TITLE: CANADIAN DAILY LAKE EVAPORATION ESTIMATES (1960 TO PRESENT).

PARAMETERS: WATER TEMPERATURE, ATMOSPHERE TEMPERATURE, WIND SPEED, WIND DIRECTION, EVAPORATION

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1960

End: CONTINUOUS

GEOGRAPHICAL AREA: EASTERN CANADA IN THE EARLY YEARS TO ALL OF CANADA AFTER 1964.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE-9 TRACK, 1600 B.P.I.

REMARKS: MONTHLY VALUES ALSO AVAILABLE.

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 114

386

TITLE: HOURLY AND DAILY RAINFALL DATA FOR ONTARIO, CANADA (1960 TO PRESENT).

PARAMETERS: ATMOSPHERE PRECIPITATION, ATMOSPHERE PRECIPITATION

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1960

End: CONTINUOUS

GEOGRAPHICAL AREA: 40 STATIONS IN ONTARIO CANADA

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION
VOLUME: UNKNOWN
REMARKS: UNCHECKED RAW DATA OF 5, 10, 15, 30 AND 60 MIN.:2, 6, 12AND 24 HOURS.
HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 124

387

TITLE: CANADIAN NETWORK, PAN EVAPORATION DOCUMENTS - WIND, TEMPERATURE, AND PRECIPITATION (1956 TO PRESENT).
PARAMETERS: TEMPERATURE, WIND VELOCITY, PRECIPITATION
PERIOD OF OBSERVATION: 25 YEARS
Start: JAN 1956
End: CONTINUOUS
GEOGRAPHICAL AREA: CANADIAN NATIONAL NETWORK:ONE IN 1956 TO 141 IN 1978.
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: LOG BOOK, CHARTS/MAPS
VOLUME: UNKNOWN
REMARKS: SOME DERIVED DATA ARRANGED ALPHABETICALLY BY STATION AND PROVINCE AND/OR ELEMENT.
HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 158

388

TITLE: AES MONTHLY PRECIPITATION ON THE CANADIAN LAND BASINS OF THE GREAT LAKES AND OTTAWA RIVER (1920 TO PRESENT).
PARAMETERS: PRECIPITATION
PERIOD OF OBSERVATION: 61 YEARS
Start: JAN 1920
End: CONTINUOUS
GEOGRAPHICAL AREA: CANADIAN PORTION OF THE LAND BASINS OF THE GREAT LAKES AND OTTAWA, RIVER.
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS
VOLUME: UNKNOWN
REMARKS: ANNUAL PRECIPITATION ALSO AVAILBLE
HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 134

389

TITLE: AES ANNUAL PRECIPITATION ON THE CANADIAN LAND BASINS OF THE GREAT LAKES AND OTTAWA RIVER (1920 TO PRESENT).
PARAMETERS: PRECIPITATION
PERIOD OF OBSERVATION: 61 YEARS
Start: JAN 1920
End: DEC 1969
GEOGRAPHICAL AREA: CANADIAN PORTION OF THE LAND BASINS OF THE GREAT LAKES AND OTTAWA, RIVER.
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS
VOLUME: UNKNOWN
REMARKS: MONTHLY PRECIPITATION ESTIMATES ALSO AVAILABLE.
HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 135

390

TITLE: AES ANNUAL PRECIPITATION ON THE CANADIAN LAND BASINS OF THE GREAT LAKES AND OTTAWA RIVER (1920 TO PRESENT).
PARAMETERS: PRECIPITATION
PERIOD OF OBSERVATION: 61 YEARS
Start: JAN 1920
End: CONTINUOUS
GEOGRAPHICAL AREA: CANADA, PORTION OF LAND BASINS OF THE GREAT LAKES AND OTTAWA RIVER
DATA TYPE: MEAN - MONTHLY
Organization: NETWORK
MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS
VOLUME: UNKNOWN
REMARKS: DATA FINAL TABULATIONS, BY LAKE BASIN, MONTH AND YEAR, FROM CANADIAN METEOROLOGICAL OBSERVING NETWORK.
HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE
DATA SET IDENTIFIER: 111

391

TITLE: AES MONTHLY PRECIPITATION ON THE CANADIAN LAND BASIN OF THE GREAT LAKES AND OTTAWA RIVER (1920 TO PRESENT).
PARAMETERS: PRECIPITATION
PERIOD OF OBSERVATION: 61 YEARS
Start: JAN 1920
End: CONTINUOUS
GEOGRAPHICAL AREA: CANADA, PORTION OF LAND BASINS OF THE GREAT LAKES AND OTTAWA RIVER

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: DATA FINAL TABULATIONS BY LAKE BASIN, MONTH AND YEAR, FROM CANADIAN METEOROLOGICAL OBSERVING NETWORK.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 110

392

TITLE: RAINFALL RATE-HOURLY AMOUNTS AND GREATEST AMOUNTS IN FIVE MINUTES TO 12 HOURS FOR CANADIAN STATIONS (1918 TO PRESENT).

PARAMETERS: PRECIPITATION, RAINFALL INTENSITY

PERIOD OF OBSERVATION: 63 YEARS

Start: JAN 1918

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA-504 ACTIVE STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 2 MILLION CARDS(TYPE03)IMAGES ON 10 TAPES(1600BPI)

REMARKS: DATA QUALITY CONTROLLED AND ORGANIZED BY STATION. DATA ALSO AVAILABLE IN DIFFERENT FORMAT IN METRIC UNITS.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 178

393

TITLE: HOURLY RAINFALL AND MAXIMUM INTENSITIES IN CANADIAN NETWORK (1902 TO PRESENT)

PARAMETERS: PRECIPITATION, RAINFALL INTENSITY

PERIOD OF OBSERVATION: 74 YEARS

Start: JAN 1907

End: CONTINUOUS

GEOGRAPHICAL AREA: 1 STATION IN 1902 TO 514 STATIONS IN 1978.

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 8MAGNETIC TAPES, 1600 BPI

REMARKS: HOURLY RAINFALL AND DAILY MAXIMUM INTENSITIES FOR DURATIONS OF 5, 10, 15, 30 AND 60 MIN; 2, 6, 12 AND 24 HOURS.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 123

394

TITLE: AREAL PRECIPITATION ESTIMATES FOR 950 SELECTED STORMS IN CANADA (1900 TO PRESENT).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 80 YEARS

Start: JAN 1900

End: CONTINUOUS

GEOGRAPHICAL AREA: ALL OF CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: APPROXIMATELY 950 STORMS HAVE BEEN ANALYZED. 483 OF THESE HAVE BEEN PUBLISHED

REMARKS: DATA ARRANGED BY STORM. REFERENCE: AN INDEX OF STORM RAINFALL IN CANADA, 1975 BY D.M. POLLOCK, CLI-1-75, AES DOWNSVIEW.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 125

395

TITLE: AES SNOW COVER AND WATER EQUIVALENT DATA FOR CANADA (EARLY 1900'S TO PRESENT).

PARAMETERS: SNOW DEPTH, PRECIPITABLE WATER

PERIOD OF OBSERVATION: 81 YEARS

Start: JAN 1900

End: CONTINUOUS

GEOGRAPHICAL AREA: EASTERN CANADA IN THE EARLY YEARS TO ALL OF CANADA AFTER 1964.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MANUSCRIPT

VOLUME: UNKNOWN

REMARKS:

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 113

396

TITLE: ANNUAL EVAPORATION ABSTRACTS, CANADA (1956 TO 1977).

PARAMETERS: EVAPORATION

PERIOD OF OBSERVATION: 81 YEARS

Start: JAN 1900

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA: 207 STATIONS, 139 ACTIVE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: SURFACE DATA FOR 504 ACTIVE STATIONS.
SAMPLING ASSUMED TO BE DAILY.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 147

397

TITLE: CANADIAN SEA ICE EXTENT AND THICKNESS DATA
(1900 TO PRESENT).

PARAMETERS: ICE COVER, ICE THICKNESS

PERIOD OF OBSERVATION: 81 YEARS

Start: JAN 1900

End: CONTINUOUS

GEOGRAPHICAL AREA: ARCTIC AND CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MICROFILM, PAPER TAPE

VOLUME: 1 TAPE, 54 ATLASES, 120 MICROFILM REELS

REMARKS: FREQUENCY OF OBSERVATIONS VARIES FROM
DAILY TO WEEKLY. SEVERAL CHANGES IN OBSER-
VATIONAL METHODS AND AREAL COVERAGE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 109

398

TITLE: AES BREAK-UP, FREEZE-UP AND ICE THICKNESS
DATA FOR CANADA (1822 TO 1977).

PARAMETERS: ICE THICKNESS, DATE OF ICE BREAKUP,
DATE OF ICE FORMATION

PERIOD OF OBSERVATION: 156 YEARS

Start: JAN 1822

End: DEC 1977

GEOGRAPHICAL AREA: CANADA-338 STATIONS, 432 WATER
BODIES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 1 VOLUME (183 P.P.) CLIMA

REMARKS: DATA, FINAL TABULATIONS, ORGANIZED BY
STATION. TIME PERIOD VARIES WITH INDIVIDUAL STA-
TIONS.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 112

399

TITLE: TOTAL MONTHLY PRECIPITATION FROM APRIL TO
OCTOBER IN MANITOBA, SASKATCHEWAN AND
ALBERTA (1930 TO 1970).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 41 YEARS

Start: APR 1930

End: OCT 1970

GEOGRAPHICAL AREA: GRAIN GROWING REGIONS OF
MANITOBA, SASKATCHEWAN AND ALBERTA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: DATA ORIGIN - GRAIN ELEVATOR COMPANIES.

HOLDING CENTER:

CANADIAN PRAIRIE WEATHER CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 175

400

TITLE: STREAM BASIN SOIL MOISTURE, NORTH
NASHWAAKSIS, NEW BRUNSWICK, CANADA (1970 TO
1977).

PARAMETERS: WATER CONTENT

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1970

End: DEC 1977

GEOGRAPHICAL AREA: NEW BRUNSWICK; 1 STATION
LOCATED AT 46.05N, 66.44W.

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 2 VOLUMES(1970 TO 1971;1973 TO 1977)

REMARKS: CONVERSION OF DATA IN COUNTS PER MINUTE
TO SOIL MOISTURE UNITS MAY BE DIFFICULT.

HOLDING CENTER:

DEPARTMENT OF THE ENVIRONMENT
NEW BRUNSWICK

DATA SET IDENTIFIER: 119

401

TITLE: SEDIMENT DISCHARGE FROM CANADIAN LAKES AND
STREAMS (1961 TO PRESENT).

PARAMETERS: SIZE ANALYSIS, SEDIMENT DISCHARGES
(LOAD), BED LOADS, BED MATERIALS, TEMPERATURE

PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1961

End: CONTINUOUS

GEOGRAPHICAL AREA: 150 STATIONS ACROSS CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH,
MACHINE PRINTED HARD COPY
VOLUME: 1 PUBLICATION/YEAR
REMARKS: NONE
HOLDING CENTER:
INLAND WATERS DIRECTORATE
ENVIRONMENT CANADA
DATA SET IDENTIFIER: 131

402

TITLE: IDENTIFICATION AND DESCRIPTION OF CANADIAN
GLACIERS (1946 TO PRESENT).
PARAMETERS: GLACIER LOCATION (DESCRIPTION),
GLACIER MEAN ELEVATION, GLACIER-DESCRIPTIVE
PHYSICAL INFORMATION
PERIOD OF OBSERVATION: 35 YEARS
Start: JAN 1946
End: CONTINUOUS
GEOGRAPHICAL AREA: YUKON AND NORTHWEST
TERRITORIES; BRITISH COLUMBIA; ALBERTA;
LABRADOR
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUBLICATION, PHOTOGRAPHIC PRINTS OR COPIES,
PUNCHED CARDS, MAGNETIC TAPE, DIGITAL STAND-
ARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: OCCASIONAL GROUND PHOTO OR SKETCH
DATING BACK TO BEFORE 1900
HOLDING CENTER:
INLAND WATERS DIRECTORATE
ENVIRONMENT CANADA
DATA SET IDENTIFIER: 133

403

TITLE: CANADIAN STREAMFLOW, RIVER AND LAKE LEVEL
DATA (1908 TO PRESENT).
PARAMETERS: WATER LEVEL, WATER TRANSPORT
PERIOD OF OBSERVATION: 73 YEARS
Start: JAN 1908
End: CONTINUOUS
GEOGRAPHICAL AREA: LAKES AND STREAMS
THROUGHOUT CANADA
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: DATA AT DIFFERENT TIMES AND AT VARIOUS
SITES. CURRENTLY 2, 700 STATIONS.
HOLDING CENTER:
INLAND WATERS DIRECTORATE
ENVIRONMENT CANADA
DATA SET IDENTIFIER: 130

404

TITLE: ESTIMATED MONTHLY AREAL EVAPOTRANSPIRA-
TION AND LAKE EVAPORATION, CANADA
(1965 TO 1969).
PARAMETERS: EVAPORATION, EVAPO-TRANSPARATION
PERIOD OF OBSERVATION: 5 YEARS
Start: JAN 1965
End: DEC 1969
GEOGRAPHICAL AREA: OVER 150 STATIONS EAST OF THE
PACIFIC DIVIDE.
DATA TYPE: MEAN - MONTHLY
Organization: NETWORK
MEDIA: CHARTS/MAPS
VOLUME: UNKNOWN
REMARKS: DATA ARE ON COMPUTER GENERATED MAPS.
REFERENCE: MORTON, F.I. 1978, ESTIMATING
EVAPOTRANSPIRATION FROM POTENTIAL EVAPORA-
TION: PRACTICABILITY OF AN ICONOCLASTIC AP-
PROACH. J. OF HYDROLOGY, VOL 38 PP 1-32.
HOLDING CENTER:
NATIONAL HYDROLOGY INSTITUTE
ENVIRONMENT CANADA
DATA SET IDENTIFIER: 132

405

TITLE: SPRING AND FALL SOIL MOISTURE MEASUREMENTS
FOR THE PRAIRIE PROVINCES OF CANADA (1968 TO
1977).
PARAMETERS: WATER CONTENT
PERIOD OF OBSERVATION: 10 YEARS
Start: JAN 1968
End: DEC 1977
GEOGRAPHICAL AREA: PRAIRIE PROVINCES, CANADA
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUNCHED CARDS
VOLUME: 12000 CARDS
REMARKS: C.D.A. RESEARCH STATIONS(SOME SITE
CHANGES) - BY SEASON(SPRING, FALL), AND BY YEAR.
REFERENCE: C.D.A SOIL MOISTURE REPORT.
HOLDING CENTER:
AGRICULTURE CANADA
LAND RESOURCE INSTITUTE, AGROMET SECTION
DATA SET IDENTIFIER: 171

406

TITLE: DAILY ESTIMATED POTENTIAL EVAPORATION FOR
ALL CANADA (1931 TO PRESENT)
PARAMETERS: EVAPORATION
PERIOD OF OBSERVATION: 50 YEARS
Start: JAN 1931
End: CONTINUOUS

GEOGRAPHICAL AREA: ALL CANADA, APPROXIMATELY 200 STATIONS.

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 8-10 REELS OF TAPE

REMARKS: AES CLIMATE DOCUMENTATION (TYPE NO.4).

HOLDING CENTER:

AGRICULTURE CANADA

LAND RESOURCE INSTITUTE, AGROMET SECTION

DATA SET IDENTIFIER: 170

407

TITLE: WEEKLY PRECIPITATION FOR THE WHEAT GROWING SEASON IN ALBERTA, CANADA (1963 TO 1978).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 15 YEARS

Start: MAY 1963

End: SEP 1978

GEOGRAPHICAL AREA: ALBERTA, CANADA;75 LOCALITIES.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS, PUNCHED CARDS

VOLUME: UNKNOWN

REMARKS: 1976-1978 DATA RAW AND UNPROCESSED. DATA ORGANIZED BY STATION. ALBERTA WHEAT POOL ELEVATORS, UNOFFICIAL RAIN GUAGES.

HOLDING CENTER:

PLANT INDUSTRY BRANCH

ALBERTA AGRICULTURE

DATA SET IDENTIFIER: 173

408

TITLE: SMALL STREAM AND BASIN DATA, YUKON TERRITORY CANADA (1974 TO PRESENT).

PARAMETERS: FLOOD MAGNITUDE, GEOGRAPHIC DESCRIPTION/FLOODS, FLOOD FREQUENCY

PERIOD OF OBSERVATION: 6 YEARS

Start: SEP 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: YUKON TERRITORY, CANADA, DRAINAGE BASINS LESS THAN 150 SQ.MI.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, MACHINE PRINTED HARD COPY

VOLUME: 1 PUBLICATION/YEAR

REMARKS: NONE

HOLDING CENTER:

CANADIAN INDIAN AFFRS & NORTHERN DVLPMNT

NORTHERN AFFAIRS PROGRAM, WATER RESOURCES

DATA SET IDENTIFIER: 174

409

TITLE: SASKATCHEWAN WEEKLY RAINFALL REPORTS, SUMMERS (1975 TO PRESENT).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: SASKATCHEWAN GRAIN GROWING AREA-210 STATIONS.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

SASKATCHEWAN POOL ELEVATOR CO.LTD.

REGINA, SASKATCHEWAN

DATA SET IDENTIFIER: 157

410

TITLE: COMPOSITE ICE CHARTS, HUDSON BAY AND EASTERN AND WESTERN ARCTIC APPROACHES (1970-PRESENT)

PARAMETERS: ICE/AGE, ICE COVER, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, COUNT OF ICEBERGS

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1970

End: CONTINUOUS

GEOGRAPHICAL AREA: HUDSON BAY AND APPROACHES, EASTERN AND WESTERN ARCTIC AND APPROACHES.

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: SEPARATE MAPS-SCALE 1:4 MILLION-FOR HUDSON BAY, EASTERN ARCTIC, WESTERN ARCTIC. WEEKLY REPORTS FOR LATE JUNE TO LATE OCTOBER, (LATE NOVEMBER FOR HUDSON BAY.)

HOLDING CENTER:

ICE CLIMATOLOGY OFFICE, CANADA

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 609

411

TITLE: COMPOSITE ICE CHART, CANADIAN EASTERN SEABOARD (1970 TO PRESENT).

PARAMETERS: ICE/AGE, ICE COVER, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, COUNT OF ICEBERGS

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1970

End: CONTINUOUS

GEOGRAPHICAL AREA: EASTERN SEABOARD OF CANADA

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: MAP SCALE: 1:4 MILLION. PRODUCED 1-3 TIMES WEEKLY, LATE DECEMBER THROUGH JUNE.

HOLDING CENTER:

ICE CLIMATOLOGY OFFICE, CANADA
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 611

412

TITLE: WEEKLY SEA ICE, CANADIAN EASTERN SEABOARD AND HUDSON BAY, (1960 TO PRESENT).

PARAMETERS: ICE/AGE, ICE COVER, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, COUNT OF ICEBERGS

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1960

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADIAN EASTERN SEABOARD AND HUDSON BAY

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: PUBLISHED WEEKLY

REMARKS: CHART SCALE 1:6 MILLION. CHARTS ASSEMBLED SEVERAL MONTHS AFTER EVENTS SHOWN. AVAILABLE FOR INTERESTED SCIENTISTS, BUT NOT SUITABLE FOR COPYING.

HOLDING CENTER:

ICE CLIMATOLOGY OFFICE, CANADA
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 612

413

TITLE: WEEKLY SEA ICE, CANADIAN ARCTIC WATERS (1960 TO PRESENT).

PARAMETERS: ICE/AGE, ICE COVER, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, COUNT OF ICEBERGS

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1960

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADIAN ARCTIC WATERS

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: PUBLISHED WEEKLY(MAY THROUGH OCTOBER).

REMARKS: CHART SCALE 1:6 MILLION. CHART ASSEMBLED MAY TO OCTOBER ONLY - SEVERAL MONTHS AFTER EVENTS SHOWN. AVAILABLE TO INTERESTED SCIENTISTS, BUT NOT SUITABLE FOR COPYING.

HOLDING CENTER:

ICE CLIMATOLOGY OFFICE, CANADA
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 613

414

TITLE: DAILY CURRENT ICE CHARTS, ALL AREAS OF CANADIAN COASTAL WATERS (1958-PRESENT)

PARAMETERS: ICE/AGE, ICE COVER, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, COUNT OF ICEBERGS

PERIOD OF OBSERVATION: 23 YEARS

Start: JAN 1958

End: CONTINUOUS

GEOGRAPHICAL AREA: ALL AREAS OF CANADIAN COASTAL WATERS

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS, MICROFILM

VOLUME: ONCE PER DAY

REMARKS: SCALE- 1:2 MILLION. PREPARED DAILY IN SUPPORT OF SHIPPING. EASTERN SEABOARD IN WINTER, NORTHERN AREAS IN SUMMER.

HOLDING CENTER:

ICE CLIMATOLOGY OFFICE, CANADA
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 610

415

TITLE: WEEKLY SNOW AND ICE COVER MAPS, CANADIAN ARCTIC, (1974 TO 1977).

PARAMETERS: ICE/CONCENTRATION, REFLECTIVITY

PERIOD OF OBSERVATION: 4 YEARS

Start: JAN 1974

End: DEC 1977

GEOGRAPHICAL AREA: CANADIAN ARCTIC NORTH OF 60N EXCEPT QUEBEC AND LABRADOR.

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: WEEKLY(8 1/2 X 14 PAPER COPY).

REMARKS: ADDITIONAL INFORMATION MAPPED INCLUDES DEGREE DAYS.

HOLDING CENTER:

GREGORY GEOSCIENCES LTD., CANADA
1750 COURTWOOD CRESENT

DATA SET IDENTIFIER: 599

416

TITLE: SEA ICE CONDITIONS, ARCTIC SEAS (1885 TO 1964).
PARAMETERS: ICE COVER, ICE TYPE, ICE/CONCENTRATION, ICE/FLOE SIZE, COUNT OF ICEBERGS
PERIOD OF OBSERVATION: 80 YEARS
 Start: JAN 1885
 End: DEC 1964
GEOGRAPHICAL AREA: WATERS OF NORTH ATLANTIC AND ARCTIC OCEANS
DATA TYPE: DERIVED DATA
 Organization: COMPOSITE
MEDIA: CHARTS/MAPS, MACHINE PRINTED HARD COPY
VOLUME: UNKNOWN
REMARKS: REPORTS FROM 1855 TO 1900. ICE CHARTS FROM 1900 TO 1964.
HOLDING CENTER:
 DANSKE METEOROLOGISKE INSTITUT
 LYNGBYVEJ 100
DATA SET IDENTIFIER: 571

417

TITLE: NOAA SATELLITE 7-DAY COMPOSITE IMAGES-MINIMUM BRIGHTNESS (CMB) AND MAXIMUM TEMPERATURE (CMT) - FOR NORTHERN AND SOUTHERN HEMISPHERES (1979 TO PRESENT).
PARAMETERS: MAXIMUM BRIGHTNESS TEMPERATURE, SATELLITE IMAGERY, REFLECTIVITY
PERIOD OF OBSERVATION: 2 YEARS
 Start: JAN 1979
 End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE AND SOUTHERN HEMISPHERE POLAR SECTOR, 55 KM RESOLUTION
DATA TYPE: OBSERVED DATA
 Organization: TRACKLINE
MEDIA: FILM-NEGATIVES, FILM-SLIDES
VOLUME: 1 HEMISPHERE COMPOSITE/DAY
REMARKS: PART OF A SET OF SATELLITE COMPOSITE IMAGES COVERING 1968 TO PRESENT
HOLDING CENTER:
 NATIONAL EARTH SATELLITE SERVICE
 U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
DATA SET IDENTIFIER: 156

418

TITLE: SATELLITE 10-DAY COMPOSITE MINIMUM BRIGHTNESS AND COMPOSITE MAXIMUM TEMPERATURE IMAGES, NORTHERN AND SOUTHERN HEMISPHERE POLAR SECTORS (1974 TO 1978).
PARAMETERS: MAXIMUM BRIGHTNESS TEMPERATURE, SATELLITE IMAGERY, REFLECTIVITY
PERIOD OF OBSERVATION: 3 YEARS
 Start: DEC 1974
 End: MAR 1978

GEOGRAPHICAL AREA: NORTH AND SOUTH POLAR SECTORS, 55 KM X 55 KM RESOLUTION
DATA TYPE: OBSERVED DATA
 Organization: TRACKLINE
MEDIA: FILM-NEGATIVES, FILM-SLIDES
VOLUME: 1 HEMISPHERE COMPOSITE/10 DAYS
REMARKS: PART OF A SET OF SATELLITE COMPOSITE IMAGES COVERING 1968 TO PRESENT
HOLDING CENTER:
 NATIONAL EARTH SATELLITE SERVICE
 U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
DATA SET IDENTIFIER: 155

419

TITLE: NOAA SATELLITE 5 DAY COMPOSITE, MINIMUM BRIGHTNESS IMAGES, NORTHERN AND SOUTHERN POLAR SECTORS (1968 TO PRESENT).
PARAMETERS: SATELLITE IMAGERY
PERIOD OF OBSERVATION: 4 YEARS
 Start: NOV 1968
 End: NOV 1972
GEOGRAPHICAL AREA: NORTH AND SOUTH POLAR SECTORS, 55 KM. RESOLUTION
DATA TYPE: OBSERVED DATA
 Organization: TRACKLINE
MEDIA: FILM-NEGATIVES, FILM-SLIDES
VOLUME: 1 HEMISPHERE COMPOSITE - 5 DAYS
REMARKS: PART OF A SET OF SATELLITE COMPOSITE IMAGES COVERING 1968 TO PRESENT DATA GAP 12/14/70-02/03/71
HOLDING CENTER:
 NATIONAL EARTH SATELLITE SERVICE
 U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
DATA SET IDENTIFIER: 154

420

TITLE: ALASKAN SEA ICE ANALYSES (1973 TO 1979).
PARAMETERS: ICE/AGE, ICE TYPE, ICE THICKNESS, ICE/CONCENTRATION
PERIOD OF OBSERVATION: 6 YEARS
 Start: JAN 1973
 End: JAN 1979
GEOGRAPHICAL AREA: BERING, CHUKCHI, AND BEAUFORT SEAS
DATA TYPE: DERIVED DATA
 Organization: FIELD
MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, FILM-NEGATIVES
VOLUME: MAPS AND CHARTS PRODUCED WEEKLY SINCE 1973
REMARKS: ON OCTOBER 1, 1976, SWITCHED FROM ONE BASE CHART TO 2 BASE CHARTS: ONE FOR CHUKCHI AND BERING SEAS AND THE OTHER FOR CHUKCHI AND BEAUFORT SEAS. ADDITIONAL INFORMATION MAPPED INCLUDES FROST DEGREE DAYS.

HOLDING CENTER:
NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
DATA SET IDENTIFIER: 597

421

TITLE: GLOBAL 5-DAY MINIMUM BRIGHTNESS SATELLITE DATA (1967 TO 1972).
PARAMETERS: BRIGHTNESS, SATELLITE IMAGERY
PERIOD OF OBSERVATION: 6 YEARS
Start: JUL 1967
End: DEC 1972
GEOGRAPHICAL AREA: GLOBAL
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: PHOTOGRAPHIC PRINTS OR COPIES, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: 512 X 512 GRIDS FOR N, S HEMISPHERES: SOME PERIODS OF 10 DAY MINIMUM BRIGHTNESS ARE INCLUDED.
HOLDING CENTER:
NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
DATA SET IDENTIFIER: 448

422

TITLE: GLOBAL 10-DAY MINIMUM BRIGHTNESS SATELLITE DATA, (1974 TO PRESENT).
PARAMETERS: BRIGHTNESS, SATELLITE IMAGERY
PERIOD OF OBSERVATION: 6 YEARS
Start: DEC 1974
End: CONTINUOUS
GEOGRAPHICAL AREA: GLOBAL
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: 512 X 512 N, S HEMISPHERIC GRIDS SEPARATE VISUAL AND IR GRIDS OF MINIMUM BRIGHTNESS.
HOLDING CENTER:
NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
DATA SET IDENTIFIER: 444

423

TITLE: U.S. RIVER BASIN SNOW MAPPING (NOVEMBER TO JULY, 1973 TO PRESENT)
PARAMETERS: SNOW COVER
PERIOD OF OBSERVATION: 8 YEARS
Start: JAN 1973
End: CONTINUOUS

GEOGRAPHICAL AREA: SCATTERED RIVER BASINS IN WESTERN U.S.
DATA TYPE: DERIVED DATA
Organization: COMPOSITE
MEDIA: CHARTS/MAPS
VOLUME: UNKNOWN
REMARKS: THE MAPS ARE TRANSMITTED TO USERS OPERATIONALLY BY MAIL, BY TELETYPE AND BY TELECOPIER.
HOLDING CENTER:
NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
DATA SET IDENTIFIER: 581

424

TITLE: WEEKLY AND MONTHLY AVERAGE SNOW AND ICE BOUNDARY CHARTS, NORTHERN HEMISPHERE (1966 TO PRESENT).
PARAMETERS: ICE COVER, SNOW COVER, REFLECTIVITY
PERIOD OF OBSERVATION: 14 YEARS
Start: NOV 1966
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE
DATA TYPE: DERIVED DATA
Organization: COMPOSITE
MEDIA: CHARTS/MAPS
VOLUME: 1 CHART/WEEK; 1 CHART/MONTH
REMARKS: MAPPED ON 1:50M POLAR STEREOGRAPHIC PROJECTION. ACCURACY APPROXIMATELY 50 KM.
HOLDING CENTER:
NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
DATA SET IDENTIFIER: 620

425

TITLE: GRIDDED WEEKLY SEA ICE AND SNOW ANALYSIS (FROM SATELLITE OBSERVATIONS), NORTHERN HEMISPHERE (1967 TO PRESENT).
PARAMETERS: ICE COVER, SNOW COVER
PERIOD OF OBSERVATION: 14 YEARS
Start: JAN 1967
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: DIGITIZED ON A 47 X 57 GRID: HAND ANALYZED CHARTS ALSO AVAILABLE.
HOLDING CENTER:
NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN
DATA SET IDENTIFIER: 431

426

TITLE: SATELLITE 5-DAY COMPOSITE ICE MINIMUM BRIGHTNESS, NORTHERN AND SOUTHERN HEMISPHERES (1968 TO 1972).

PARAMETERS: BRIGHTNESS, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 4 YEARS

Start: NOV 1968

End: NOV 1972

GEOGRAPHICAL AREA: NORTHERN AND SOUTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: FILM-NEGATIVES

VOLUME: 1 NEG/5 DAYS (10 NEG REPLACED 35 MM NEG 3 FEB 70)

REMARKS: NONE

HOLDING CENTER:

SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA

DATA SET IDENTIFIER: 601

427

TITLE: SATELLITE MULTIDAY COMPOSITES: ICE MINIMUM BRIGHTNESS, MAXIMUM TEMPERATURE, N.H. AND S.H. POLAR SECTORS (1974 TO PRESENT).

PARAMETERS: TEMPERATURE, BRIGHTNESS, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 6 YEARS

Start: DEC 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN AND SOUTHERN HEMISPHERE POLAR SECTORS

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: FILM-NEGATIVES

VOLUME: 1 NEGATIVE PER DAY HOLDS 4 COMPOSITES (NH, SH, VIS, IR).

REMARKS: NONE

HOLDING CENTER:

SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA

DATA SET IDENTIFIER: 600

428

TITLE: 12-HOURLY PRECIPITATION, NORTHERN HEMISPHERE GRID (1970 TO PRESENT).

PARAMETERS: PRECIPITATION, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1970

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MICROFILM, MICROFICHE, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION, MICROFILM DATA FROM 1971.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 633

429

TITLE: SATELLITE-DERIVED OCEANIC RAINFALL ATLAS (1973 TO 1974).

PARAMETERS: RAINFALL INTENSITY

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1973

End: DEC 1974

GEOGRAPHICAL AREA: GLOBAL-OCEANIC AREAS.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS

VOLUME: 1 ATLAS

REMARKS: NONE

HOLDING CENTER:

NATIONAL SPACE SCIENCE DATA CENTER
U.S.NATIONAL AERONAUTICS AND SPACE ADMIN

DATA SET IDENTIFIER: 136

430

TITLE: ANALYSIS OF THE SPACIAL AND TEMPORAL VARIATIONS OF THE ICE IN ANTARCTICA (1972 TO 1975).

PARAMETERS: BRIGHTNESS, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 3 YEARS

Start: DEC 1972

End: JUN 1975

GEOGRAPHICAL AREA: ANTARCTICA AND SURROUNDING SEAS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: CHIEF DATA SOURCE: NIMBUS 5, 15.5 MM BAND RADIOMETER.

HOLDING CENTER:

NATIONAL SPACE SCIENCE DATA CENTER
U.S.NATIONAL AERONAUTICS AND SPACE ADMIN

DATA SET IDENTIFIER: 617

431

TITLE: ANALYSIS OF SPACIAL AND TEMPERAL VARIATIONS OF THE ICE IN THE ANTARCTIC (DECEMBER 1972 TO JUNE 1975).

PARAMETERS: ICE COVER, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 3 YEARS

Start: DEC 1972

End: JUN 1975

GEOGRAPHICAL AREA: ANTARCTICA AND SURROUNDING SEA

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 2 VOLUMES

REMARKS: CHIEF DATA SOURCE: NIMBUS 5, 15.5 MM BAND RADIATION BRIGHTNESS TEMPERATURE.

HOLDING CENTER:

NATIONAL SPACE SCIENCE DATA CENTER

U.S.NATIONAL AERONAUTICS AND SPACE ADMIN

DATA SET IDENTIFIER: 701

432

TITLE: NIMBUS 5 AND 7 CALIBRATED BRIGHTNESS TEMPERATURES, RAINFALL RATES (1972 TO PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 8 YEARS

Start: DEC 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL-OCEANIC AREAS.

DATA TYPE: DERIVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 800 MAGNET TAPES

REMARKS: NONE

HOLDING CENTER:

NATIONAL SPACE SCIENCE DATA CENTER

U.S.NATIONAL AERONAUTICS AND SPACE ADMIN

DATA SET IDENTIFIER: 137

433

TITLE: SNOW COVER ANALYSIS, NORTHERN AND SOUTHERN HEMISPHERE GRIDS (1975-PRESENT)

PARAMETERS: SNOW DEPTH, SNOW COVER, SNOW AGE

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN AND SOUTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, MACHINE PRINTED HARD COPY

VOLUME: 1 MAP PER DAY

REMARKS: GRID IS FROM DIGITIZED HAND ANALYSIS OF SYNOPTIC OBSERVATIONS. GRID LENGTH 46.3 KM AT 60N

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 602

434

TITLE: U.S. HOURLY PRECIPITATION DATA (1948 TO PRESENT).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 33 YEARS

Start: JAN 1948

End: CONTINUOUS

GEOGRAPHICAL AREA: UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 150 TAPES, 9TK, 800 BPI

REMARKS: METHOD: UNIVERSAL GAUGE ANALOG TRACE(1300 GAUGES). 15 MINUTE INTERVAL DATA FOR FISHER-PORTER GAUGES(1700 GAUGES).

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 172

435

TITLE: NMC GRID ANALYSIS, SNOW DEPTH, NORTHERN HEMISPHERE (1973-PRESENT)

PARAMETERS: SNOW DEPTH

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 15-90N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NMC 47 X 51 1977 PT. OCTAGONAL GRID

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH

P.O. BOX 3000

DATA SET IDENTIFIER: 530

436

TITLE: MONTHLY RAINFALL DATA FROM 200 PACIFIC ISLANDS, (1943 TO 1973).

PARAMETERS: PRECIPITATION, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 31 YEARS

Start: JAN 1943

End: DEC 1973

GEOGRAPHICAL AREA: 200 ISLAND STATIONS IN THE PACIFIC OCEAN.

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 PRINTED VOLUME

REMARKS: DATA LISTING IN TAYLOR, RONALD C., 1973: AN ATLAS OF PACIFIC ISLAND RAINFALL. DATA REPORT 25, HIG-73-9, HAWAII INST. OF GEOPHYSICS, UNIV. OF HAWAII. MANY OF THE PERIODS OF RECORDS ARE LONGER THAN 30 YEARS.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 445

437

TITLE: ALASKAN SEA ICE EXTENT (1973 TO PRESENT).

PARAMETERS: ICE COVER

PERIOD OF OBSERVATION: 7 YEARS

Start: DEC 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: BERING, CHUCHI AND BEAUFORT SEAS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: CHARTS/MAPS, PHOTOGRAPHIC PRINTS OR COPIES, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

NATIONAL METEOROLOGICAL CENTER
U.S. NATIONAL WEATHER SERVICE, NOAA

DATA SET IDENTIFIER: 149

438

TITLE: U.S.G.S. STREAMFLOW DATA (WATSTORE) FOR 9000 ACTIVE SITES IN THE U.S. POSSESSIONS (1890 TO PRESENT).

PARAMETERS: WATER TRANSPORT

PERIOD OF OBSERVATION: 91 YEARS

Start: JAN 1890

End: CONTINUOUS

GEOGRAPHICAL AREA: 9000 ACTIVE SITES IN THE U.S. POSSESSIONS.

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, FLEXIBLE DISKS

VOLUME: 50, 000 RECORDS ON DISK(2 YEARS)

REMARKS: REFERENCE: HUTCHISON, N.E. COMPILER, 1975, WATSTORE-NATIONAL WATER DATA STORAGE AND RETRIEVAL SYSTEM OF THE U.S. GEOLOGICAL SURVEY USERS GUIDE: U.S.G.S. OPEN FILE REPORT PP 75-426

HOLDING CENTER:

U.S.GEOLOGICAL SURVEY
U.S. DEPARTMENT OF THE INTERIOR

DATA SET IDENTIFIER: 138

439

TITLE: U.S.G.S GROUND-WATER LEVEL DATA (WATSTORE) AND GROUND-WATER SITE INVENTORY FILE (GWSI) SINCE 1890 FOR 50, 000 SITES IN THE U.S. AND POSSESSIONS.

PARAMETERS: WATER LEVEL

PERIOD OF OBSERVATION: 91 YEARS

Start: JAN 1890

End: CONTINUOUS

GEOGRAPHICAL AREA: 50, 000 SITES IN THE U.S. AND POSSESSIONS.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: FLEXIBLE DISKS

VOLUME: 65, 000 RECORDS

REMARKS: FREQUENCIES OF SAMPLING VARY FROM DAILY TO YEARLY OR LESS OFTEN.

HOLDING CENTER:

U.S.GEOLOGICAL SURVEY
U.S. DEPARTMENT OF THE INTERIOR

DATA SET IDENTIFIER: 139

440

TITLE: MONTHLY SNOW SURVEY DATA (JAN.-JUNE) FOR THE WESTERN UNITED STATES (1910 TO PRESENT).

PARAMETERS: TEMPERATURE, PRECIPITATION, SNOW DEPTH, WATER EQUIVALENT OF SNOW

PERIOD OF OBSERVATION: 71 YEARS

Start: JAN 1910

End: CONTINUOUS

GEOGRAPHICAL AREA: WESTERN U.S. WEST OF 105 DEG LONGITUDE, INCLUDING ALASKA.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, PUNCHED CARDS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:
WATER SUPPLY FORECASTING STAFF
SOIL CONSERVATION SERVICE, USDA
DATA SET IDENTIFIER: 140

441

TITLE: WEEKLY NORTHERN ICE LIMIT, ANTARCTIC OCEAN
(1973 TO PRESENT).
PARAMETERS: ICE/AGE, ICE COVER, ICE TYPE, ICE
THICKNESS, ICE/CONCENTRATION, ICE/FLOE SIZE,
ICE/SURFACE CHARACTER
PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: ANTARCTICA AND SURROUNDING
SEAS

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS, MICROFICHE

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:
NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE

DATA SET IDENTIFIER: 616

442

TITLE: WEEKLY SOUTHERN ICE LIMIT-WESTERN ARCTIC
(1972 TO PRESENT).

PARAMETERS: ICE/FLOE SIZE

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: WESTERN ARCTIC

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: SATELLITE DATA SUPPLEMENTED BY SHIP, AIR-
CRAFT AND SURFACE OBSERVATIONS.

HOLDING CENTER:
NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE

DATA SET IDENTIFIER: 153

443

TITLE: WEEKLY NORTHERN ICE LIMIT, ANARCTIC (1973 TO
PRESENT).

PARAMETERS: ICE COVER

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: ANTARCTIC

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: SATELLITE DATA SUPPLEMENTED BY SHIP, AIR-
CRAFT AND SURFACE OBSERVATIONS.

HOLDING CENTER:
NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE

DATA SET IDENTIFIER: 152

444

TITLE: WEEKLY SOUTHERN ICE LIMIT, EASTERN ARCTIC
REGION (1972 TO PRESENT).

PARAMETERS: ICE/AGE, ICE COVER, ICE TYPE, ICE
THICKNESS, ICE/CONCENTRATION, ICE/FLOE SIZE,
ICE/SURFACE CHARACTER

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTH ATLANTIC AND ARCTIC
OCEANS AND INCLUDED SEAS AND COASTS.

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS, MICROFICHE

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:
NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE

DATA SET IDENTIFIER: 614

445

TITLE: WEEKLY SOUTHERN ICE LIMIT, WESTERN ARCTIC
REGION (1972 TO PRESENT).

PARAMETERS: ICE/AGE, ICE COVER, ICE TYPE, ICE
THICKNESS, ICE/CONCENTRATION, ICE/FLOE SIZE,
ICE/SURFACE CHARACTER

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTH PACIFIC AND ARCTIC
OCEANS AND INCLUDED SEAS AND COASTS

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS, MICROFICHE

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:
NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE

DATA SET IDENTIFIER: 615

446

TITLE: WEEKLY SOUTHERN ICE LIMIT-EASTERN ARCTIC
(1972 TO PRESENT).

PARAMETERS: ICE/FLOE SIZE

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: EASTERN ARCTIC

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: SATELLITE DATA SUPPLEMENTED BY SHIP, AIR-
CRAFT AND SURFACE OBSERVATIONS.

HOLDING CENTER:

NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE

DATA SET IDENTIFIER: 150

447

TITLE: WEEKLY SOUTHERN ICE LIMIT-WESTERN ARCTIC
(1972 TO PRESENT).

PARAMETERS: ICE/FLOE SIZE

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: WESTERN ARCTIC

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: SATELLITE DATA SUPPLEMENTED BY SHIP, AIR-
CRAFT AND SURFACE OBSERVATIONS.

HOLDING CENTER:

NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE

DATA SET IDENTIFIER: 151

448

TITLE: COASTAL SEA ICE, GLOBAL (1910 TO 1973).

PARAMETERS: DATE OF ICE BREAKUP, DATE OF ICE FOR-
MATION

PERIOD OF OBSERVATION: 64 YEARS

Start: JAN 1910

End: DEC 1973

GEOGRAPHICAL AREA: GLOBAL COASTS.

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 237 OBSERVATIONS

REMARKS: NONE

HOLDING CENTER:

U.S. NAVAL OCEANOGRAPHIC OFFICE
N.S.T.L. STATION

DATA SET IDENTIFIER: 642

449

TITLE: SEA ICE ADVISORY FOR THE WESTERN ALASKAN
AND/OR ARCTIC ALASKAN COASTAL WATERS (1976 TO
PRESENT).

PARAMETERS: ICE/AGE, ICE COVER, ICE TYPE, ICE DRIFT,
ICE/FLOE SIZE

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1976

End: CONTINUOUS

GEOGRAPHICAL AREA: ALASKA, BERING, CHUKCHI AND
BEAUFORT SEAS OUT TO 180 DEG W.

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

ALASKAN SEA ICE ADVISORY SERVICE
U.S. NATIONAL WEATHER SERVICE, NOAA

DATA SET IDENTIFIER: 579

450

TITLE: DEPTH OF SNOW ON THE GROUND FOR THE UN-
ITED STATES(DECEMBER THROUGH MARCH, 1935 TO
PRESENT).

PARAMETERS: SNOW DEPTH

PERIOD OF OBSERVATION: 46 YEARS

Start: JAN 1935

End: CONTINUOUS

GEOGRAPHICAL AREA: UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: 1 MAP/WEEK SINCE 1935

REMARKS: THE CHART HAS APPEARED IN THE WEEKLY
WEATHER AND CROP BULLETIN SINCE 1935.

HOLDING CENTER:

NOAA/USDA JOINT AGRICULTURAL WEATHER FAC
USDA SOUTH BUILDING, ROOM 3526

DATA SET IDENTIFIER: 578

451

TITLE: ICE AND WATER TEMPERATURES.
METEOROLOGICAL DATA, LAKE CHAMPLAIN, VERMONT
(1974 TO PRESENT).

PARAMETERS: ICE TEMPERATURE, ATMOSPHERE TEM-
PERATURE, WATER TEMPERATURE, WIND SPEED, WIND
DIRECTION, RELATIVE HUMIDITY, ICE THICKNESS,
SNOW DEPTH, STANDARD SURFACE METEOROLOGY,
SOLAR RADIATION

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: LAKE CHAMPLAIN SITE, GRAND ISLE, VERMONT.

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUBLICATION, LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

U.S.ARMY COLD REGION RESEARCH AND
ENGINEERING LABORATORY

DATA SET IDENTIFIER: 566

452

TITLE: SNOW DEPTH, TEMPERATURE, AND RELATED PROPERTIES, ALASKA AND NORTHERN U.S. (1957 TO 1977).

PARAMETERS: TEMPERATURE, SNOW DEPTH, HARDNESS OF SNOW, DENSITY

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1957

End: DEC 1977

GEOGRAPHICAL AREA: ALASKA AND NORTHERN UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

U.S.ARMY COLD REGION RESEARCH AND
ENGINEERING LABORATORY

DATA SET IDENTIFIER: 575

453

TITLE: WEEKLY SNOW COVER PROPERTIES AND CHARACTERISTICS, NORTH AMERICA (1952 TO PRESENT).

PARAMETERS: SNOW DEPTH, WATER EQUIVALENT OF SNOW, SNOW COVER, SNOW AGE

PERIOD OF OBSERVATION: 29 YEARS

Start: JAN 1952

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN NORTH AMERICA (U.S. AND CANADA).

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: 30 OBSERVATION STATIONS. MAP RESOLUTION ABOUT 100 MILES.

HOLDING CENTER:

U.S.ARMY COLD REGION RESEARCH AND
ENGINEERING LABORATORY

DATA SET IDENTIFIER: 572

454

TITLE: 3-DAY AVERAGE MAPS OF SATELLITE MICROWAVE BRIGHTNESS TEMPERATURES, ARCTIC REGION (1973 TO 1977).

PARAMETERS: BRIGHTNESS, ICE COVER, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 4 YEARS

Start: JAN 1973

End: JUN 1977

GEOGRAPHICAL AREA: ARCTIC REGION- 50N TO NORTH POLE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: PHOTOGRAPHIC PRINTS OR COPIES, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, FILM-NEGATIVES, FILM-SLIDES

VOLUME: UNKNOWN

REMARKS: DATA PROCESSED ON 293 X 293 GRID, 30 KM RESOLUTION. SOME GAPS IN RECORD. NUMEROUS REFERENCES.

HOLDING CENTER:

WORLD DATA CENTER A:ROCKETS & SATELLITES
GODDARD SPACE FLIGHT CENTER

DATA SET IDENTIFIER: 619

455

TITLE: 3-DAY AVERAGE MAPS OF SATELLITE MICROWAVE BRIGHTNESS TEMPERATURES, ANTARCTIC REGION (1973 TO 1977).

PARAMETERS: BRIGHTNESS, ICE COVER, SATELLITE IMAGERY

PERIOD OF OBSERVATION: 4 YEARS

Start: JAN 1973

End: JUN 1977

GEOGRAPHICAL AREA: ANTARCTIC REGION, 50S TO SOUTH POLE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: PHOTOGRAPHIC PRINTS OR COPIES, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, FILM-SLIDES

VOLUME: UNKNOWN

REMARKS: DATA PROCESSED ON 293 X 293 GRID, 30 KM RESOLUTION. SOME GAPS IN RECORD. NUMEROUS REFERENCES.

HOLDING CENTER:

WORLD DATA CENTER A:ROCKETS & SATELLITES
GODDARD SPACE FLIGHT CENTER

DATA SET IDENTIFIER: 618

456

TITLE: DAILY SNOW ANALYSIS DATA SET, NORTHERN AND SOUTHERN HEMISPHERE GRIDS (1975 TO PRESENT).

PARAMETERS: SNOW DEPTH, SNOW COVER, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN AND SOUTHERN HEMISPHERES

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: 00Z DAILY; 1/8 MESH AFGWC GRID - 25 NM AT 60N/S. MONTHLY SNOW DEPTH DATA INCLUDED.

HOLDING CENTER:
ENVIRONMENTAL TECHNICAL APPLICATIONS CTR
USAF AIR WEATHER SERVICE

DATA SET IDENTIFIER: 703

457

TITLE: SNOW RESEARCH STATION DATA ARS, SLEEPS RIVER, VERMONT W-3 WATERSHED (1960 TO 1974).

PARAMETERS: ICE TEMPERATURE, ATMOSPHERE TEMPERATURE, WIND SPEED, DEW POINT, PRECIPITATION, SNOW DEPTH, WATER EQUIVALENT OF SNOW, STANDARD SURFACE METEOROLOGY, GLOBAL SOLAR RADIATION, GLOBAL IR RADIATION, REFLECTED SOLAR RADIATION, DENSITY

PERIOD OF OBSERVATION: 15 YEARS

Start: JAN 1960

End: DEC 1974

GEOGRAPHICAL AREA: SLEEP RIVER WATERSHED(43 SQ MILES), CALEDONIA COUNTRY, VERMONT

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAG TAPE

REMARKS: NONE

HOLDING CENTER:
HYDROLOGIC DATA LABORATORY
AGRICULTURAL RESEARCH SERVICE, USDA.

DATA SET IDENTIFIER: 490

458

TITLE: CHICAGO AREA PROJECT (CAP) RAINFALL AND HAIL DATA (1976 TO 1978).

PARAMETERS: PRECIPITATION, HAIL/STONE COUNT, HAIL/STONE SIZE, HAIL/STONE ENERGY, HAIL/STONE MOMENTUM

PERIOD OF OBSERVATION: 2 YEARS

Start: JUN 1976

End: AUG 1978

GEOGRAPHICAL AREA: 11,000 SQ. KM. OF N. ILLINOIS, N.E. INDIANA AND S.W. MICHIGAN.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: REFERENCE: CHANGNON, S.A., JR., AND R.G. SEMONIN, 1978:CHICAGO AREA PROGRAM:A MAJOR NEW ATMOSPHERIC EFFORT. BULLETIN AMERICAN METEOROLOGICAL SOCIETY, 59, PP. 153-159.

HOLDING CENTER:
ILLINOIS STATE WATER SURVEY
BOX 232

DATA SET IDENTIFIER: 144

459

TITLE: SHAWNEE ILLINOIS RAINGAUGE NETWORK (1967 TO 1970).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 3 YEARS

Start: JUN 1967

End: JUN 1970

GEOGRAPHICAL AREA: 725-SQ. MILE AREA IN SOUTHERN ILLINOIS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS

VOLUME: 72 BOXES OF PUNCHED CARDS.

REMARKS: NONE

HOLDING CENTER:
ILLINOIS STATE WATER SURVEY
BOX 232

DATA SET IDENTIFIER: 143

460

TITLE: METROMEX METEOROLOGICAL DATA (1971 TO 1975).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION, HAIL/STONE COUNT, HAIL/STONE SIZE, HAIL/STONE ENERGY, HAIL/STONE MOMENTUM, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 4 YEARS

Start: JUN 1971

End: AUG 1975

GEOGRAPHICAL AREA: WITHIN 25 MILE RADIUS OF ST. LOUIS MISSOURI

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

ILLINOIS STATE WATER SURVEY
BOX 232

DATA SET IDENTIFIER: 145

461

TITLE: LITTLE EGYPT, ILLINOIS RAINGAUGE NETWORK
(1957 TO 1967).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1957

End: MAY 1967

GEOGRAPHICAL AREA: 550-SQ. MILE AREA IN SOUTHERN
ILLINOIS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS, MAGNETIC TAPE, DIGITAL STAND-
DARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPES, 1600 BPI

REMARKS: NONE

HOLDING CENTER:

ILLINOIS STATE WATER SURVEY
BOX 232

DATA SET IDENTIFIER: 141

462

TITLE: E. CENTRAL ILLINOIS RAINGAUGE NETWORK (SUM-
MERS, 1955 TO 1967).

PARAMETERS: PRECIPITATION

PERIOD OF OBSERVATION: 12 YEARS

Start: JUN 1955

End: AUG 1967

GEOGRAPHICAL AREA: 325-SQ. MILE AREA IN EAST CEN-
TRAL ILLINOIS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE

REMARKS: NONE

HOLDING CENTER:

ILLINOIS STATE WATER SURVEY
BOX 232

DATA SET IDENTIFIER: 142

463

TITLE: SNOW, SEA ICE, SATELLITE OBSERVATIONS
(NIMBUS-5, ESMR), GLOBAL (1972 TO 1973).

PARAMETERS: SATELLITE IMAGERY

PERIOD OF OBSERVATION: 0 YEARS

Start: DEC 1972

End: FEB 1973

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 44 TAPES

REMARKS: DIFFERENTIATES OPEN WATER, SEA ICE TYPES
AND FRESH SNOW IN POLAR REGIONS IRRESPECTIVE OF
CLOUDS OR VISIBLE LIGHT. ESMR: ELECTRICAL SCAN-
NING MICROWAVE RADIOMETER.

HOLDING CENTER:

DEPARTMENT OF ATMOSPHERIC SCIENCES
COLORADO STATE UNIVERSITY

DATA SET IDENTIFIER: 436

464

TITLE: BEAUFORT AND CHUKCHI SEA ICE AND NEAR-
SHORE SEA ICE CONDITIONS (1973 TO 1977).

PARAMETERS: WIND SPEED, WIND DIRECTION, ICE/AGE,
ICE COVER, ICE TYPE, ICE DRIFT, ICE/CONCENTRATION

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1973

End: DEC 1977

GEOGRAPHICAL AREA: BEAUFORT AND CHUKCHI SEAS

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: MAPS DEPICTING ICE CONDITIONS HAVE BEEN
PREPARED FROM SATELLITE DATA. LANDSAT FRAMES
ARE ALSO AVAILABLE FROM EROS DATA CENTER, U.S.
GEOLOGICAL SURVEY, SIOUX FALLS, SOUTH DAKOTA,
57198, U.S.A.

HOLDING CENTER:

INSTITUTE OF ARCTIC AND ALPINE RESEARCH
UNIVERSITY OF COLORADO

DATA SET IDENTIFIER: 661

465

TITLE: WEEKLY ICE THICKNESS AND SURFACE CONDI-
TIONS, NORTHERN NORTH AMERICA (1946 TO PRE-
SENT).

PARAMETERS: ICE/AGE, ICE COVER, ICE THICKNESS,
ICE/CONCENTRATION, ICE/SURFACE CHARACTER

PERIOD OF OBSERVATION: 35 YEARS

Start: JAN 1946

End: CONTINUOUS

GEOGRAPHICAL AREA: SEA COASTS, INLAND RIVERS AND
LAKES OF NORTHERN NORTH AMERICA

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: ABOUT 65 OBSERVING STATIONS
HOLDING CENTER:
INSTITUTE OF ARCTIC AND ALPINE RESEARCH
UNIVERSITY OF COLORADO
DATA SET IDENTIFIER: 628

466

TITLE: SEA ICE AND ICEBERG CHARTS FOR THE ARCTIC OCEAN (TWICE WEEKLY) AND NORTH ATLANTIC (THRICE WEEKLY) (1966 TO 1968).

PARAMETERS: ICE/AGE, ICE TYPE, ICE THICKNESS, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, PHYSICAL CHARACTERISTICS OF SEA ICE, SIGHTINGS OF ICE BERGS, COUNT OF ICEBERGS

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1966

End: JAN 1968

GEOGRAPHICAL AREA: NORTH ATLANTIC AND ARCTIC OCEANS

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: 5 MAPS/WEEK

REMARKS: MAP SCALE 1:10M

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 161

467

TITLE: SEA ICE AND ICEBERG CHARTS FOR THE BALTIC AND BARENT (1966 TO 1968)

PARAMETERS: ICE/AGE, ICE TYPE, ICE THICKNESS, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, PHYSICAL CHARACTERISTICS OF SEA ICE, SIGHTINGS OF ICE BERGS, COUNT OF ICEBERGS

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1966

End: JAN 1968

GEOGRAPHICAL AREA: BALTIC AND BARENTS SEAS

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: 1 MAP, 3 TIMES A WEEK

REMARKS: MAP SCALE 1:6 M

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 163

468

TITLE: SEA ICE AND ICEBERG CHARTS FOR THE ATLANTIC OFF NEWFOUNDLAND, THE GULF OF ST. LAWRENCE AND THE GREAT LAKES (1966 TO 1968).

PARAMETERS: ICE/AGE, ICE TYPE, ICE THICKNESS, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, PHYSICAL CHARACTERISTICS OF SEA ICE, SIGHTINGS OF ICE BERGS, COUNT OF ICEBERGS

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1966

End: JAN 1968

GEOGRAPHICAL AREA: THE ATLANTIC OFF NEWFOUNDLAND TO THE GREAT LAKES

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: 2 CHARTS AT 3/WEEK

REMARKS: 2 MAPS, SCALE 1:6 M

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 162

469

TITLE: 6 DAY SNOW COVER ANALYSIS, NORTHERN HEMISPHERE (1975 TO 1978).

PARAMETERS: SNOW COVER

PERIOD OF OBSERVATION: 3 YEARS

Start: JAN 1975

End: MAR 1978

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE SWATH:20 N 050 E;40 N 010 W;20 N 130W;40 N 170W

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: APPROXIMATELY 60/YEAR

REMARKS: SNOW COVER ANALYSIS BY VISUAL SATELLITE USINGS MINIMUM BRIGHTNESS

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 168

470

TITLE: TEN DAY SEA ICE CHARTS, NORTH ATLANTIC AND ARCTIC OCEANS (1962 TO 1970)

PARAMETERS: TEMPERATURE, ICE/AGE, ICE TYPE, ICE THICKNESS, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, PHYSICAL CHARACTERISTICS OF SEA ICE, SIGHTINGS OF ICE BERGS, COUNT OF ICEBERGS, COOLING DEGREE DAYS, HEATING DEGREE DAYS

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1962

End: FEB 1970

GEOGRAPHICAL AREA: NORTH ATLANTIC AND ARCTIC OCEANS

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: ONE CHART EACH 10 DAYS

REMARKS: TWO CHARTS USED.

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 160

471

TITLE: FIVE DAY SNOW DEPTH CHARTS FOR WMO EUROPEAN STATIONS (1953 TO 1961).

PARAMETERS: SOIL MOISTURE, SNOW DEPTH, SNOW COVER

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1953

End: DEC 1961

GEOGRAPHICAL AREA: WMO EUROPEAN STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: CHARTS/MAPS

VOLUME: 1 CHART/FIVE DAYS

REMARKS: CHART SCALE 1:30 M. SNOW MAPPED FOR DEPTHS LESS THAN OR EQUAL TO 2, 5, 10, 15, 25, 50, 200 CM, AND GREATER THAN 200 CM, AND COVERAGES OF 100 PERCENT, 50 TO 100 PERCENT, AND LESS THAN 50 PERCENT. ADJACENT GROUND STATE MAPPED AS FROST, MOIST, WET, OR DRY.

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 167

472

TITLE: MONTHLY MAP OF GRID POINT CONCENTRATIONS OF SEA ICE, NORTHERN HEMISPHERE (1966 TO 1976).

PARAMETERS: ICE/CONCENTRATION

PERIOD OF OBSERVATION: 10 YEARS

Start: MAR 1966

End: FEB 1976

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEANS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS

VOLUME: 1 CHART/MONTH;7/9 TK TAPE, 800, 1600 BPI

REMARKS: DIGITIZED SEA ICE CONCENTRATIONS FOR 1 DEGREE LATITUDE BY 2 DEGREE LONGITUDE GRID. CONCENTRATION OVER 10 LAT X 2 LONG. REGIONS MONTHLY.

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 165

473

TITLE: MONTHLY TABULATED SEA ICE INDEX, NORTHERN HEMISPHERE, 80W TO 140E (1966 TO 1977).

PARAMETERS: ICE/CONCENTRATION

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1966

End: DEC 1977

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE 80 DEG WEST THROUGH GREENWICH MERIDIAN TO 140 DEG EAST

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS, LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 1 CHART/MONTH

REMARKS: NONE

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 166

474

TITLE: DAILY SEA ICE AND ICEBERG CHARTS FOR THE NORTH ATLANTIC AND THE NORWEGIAN SEA. SEA ICE UNIT, BRITISH MET OFFICE (1969 TO PRESENT).

PARAMETERS: ICE/AGE, ICE TYPE, ICE THICKNESS, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, PHYSICAL CHARACTERISTICS OF SEA ICE, SIGHTINGS OF ICE BERGS, COUNT OF ICEBERGS

PERIOD OF OBSERVATION: 12 YEARS

Start: FEB 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: HUDSONS BAY, DAVIS STRAIT TO JAN MYAN ISLAND, TO BALTIC SEA TO THE GRAND BANKS.

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: ONE CHART/DAY

REMARKS: SCALE 1:10 M. POLAR STEREOGRAPHIC PROJECTION.

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 164

475

TITLE: 5 DAY SNOW DEPTH CHARTS FOR WMO NORTHERN HEMISPHERE STATIONS (1962 TO PRESENT).

PARAMETERS: SOIL MOISTURE, SNOW DEPTH, SNOW COVER

PERIOD OF OBSERVATION: 19 YEARS

Start: JAN 1962

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: CHART SCALE 1:30 M. 1962-1970: 1/2-MONTHLY SAMPLING. SNOW MAPPED FOR DEPTHS LESS THAN OR EQUAL TO 2, 5, 10, 15, 25, 50, 200 CM, AND GREATER THAN 200 CM, AND FOR COVERAGES OF 100 PERCENT, 50 TO 100 PERCENT, AND LESS THAN 50 PERCENT, ADJACENT GROUND STATE MAPPED AS FROST, MOIST, WET, OR DRY.

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 169

REMARKS: THE PRESENCE OR ABSENCE OF ICE (GREATER THAN 4/10 CONCENTRATION) IS PLOTTED ON A MONTHLY BASIS

HOLDING CENTER:

UNIVERSITY OF EAST ANGLIA
SCHOOL OF ENVIRONMENTAL SCIENCES

DATA SET IDENTIFIER: 569

476

TITLE: MONTHLY SEA ICE CHARTS, SEA ICE UNIT, BRITISH METEOROLOGICAL OFFICE (1960 TO PRESENT).

PARAMETERS: TEMPERATURE, ICE/AGE, ICE TYPE, ICE THICKNESS, ICE/CONCENTRATION, ICE/FLOE SIZE, ICE/SURFACE CHARACTER, PHYSICAL CHARACTERISTICS OF SEA ICE, SIGHTINGS OF ICE BERGS, COUNT OF ICEBERGS, COOLING DEGREE DAYS, HEATING DEGREE DAYS

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1960

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTH ATLANTIC, ARCTIC OCEANS

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: ONE CHART AT THE END OF EACH MONTH

REMARKS: LATEST GEOGRAPHICAL BOUNDS BEGIN JAN 1968, SCALE 1:21M. EARLIER CHARTS EXTEND SOMEWHAT LESS EAST AND WEST, SCALE 1:22M.

HOLDING CENTER:

UNITED KINGDOM METEOROLOGICAL OFFICE
SEA ICE UNIT (RM R215)

DATA SET IDENTIFIER: 159

477

TITLE: NORTHERN HEMISPHERE ICE LIMITS (1901-1956)

PARAMETERS: ICE COVER

PERIOD OF OBSERVATION: 56 YEARS

Start: JAN 1901

End: DEC 1956

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: PUBLICATION

VOLUME: UNKNOWN



3

Ocean Data

478

TITLE: SMALL LAKE SURFACE TEMPERATURES, N.W. ONTARIO, MAY TO NOVEMBER (1966 TO 1969)

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 3 YEARS

Start: JUL 1966

End: NOV 1969

GEOGRAPHICAL AREA: 34 SMALL LAKES IN NORTHWEST ONTARIO

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: PUBLICATION, CHARTS/MAPS, LOG SHEETS/TABULATION FORMS/CODING FORMS, STRIP CHART

VOLUME: 23 SURVEYS, 1 PUBLICATION(53 PAGES).

REMARKS: REFERENCES: 1. IRBE, J.G., 1972. AN OPERATIONAL PROGRAM FOR MEASURING SURFACE WATER TEMPERATURE BY AIRBORNE RADIATION THERMOMETER (ART) SURVEY, PROC. 1ST CAN. SYMP. REMOTE SENSING. 2. RICHARDS, T.L., AND M.S. WEBB, 1971. WATER TEMPERATURE AND EVAPORATION REGIMES AND FREEZE-UP CHARACTERISTICS OF SELECTED LAKES IN NORTHERN ONTARIO, AES, CLIMAT. STUDIES NO.18.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 187

479

TITLE: NORTHWEST ATLANTIC WAVE HEIGHT ANALYSIS, TWICE DAILY, (1972 TO PRESENT).

PARAMETERS: WAVE AMPLITUDE

PERIOD OF OBSERVATION: 9 YEARS

Start: MAY 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: NW ATLANTIC- 30N TO 60N, 25W TO N. AMERICAN COASTLINE

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: 5000 MAPS IN CHRONOLOGICAL ORDER

REMARKS: WAVE ANALYSES AT 1-METER INTERVALS OF HEIGHT. REFERENCE: MC CULLOCH, J.A.W., AN APPROACH TO AN OFFSHORE WAVE CLIMATOLOGY, PROC. 13TH COASTAL ENG. CONF., 1972, PP.145- 155.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 236

480

TITLE: NORTHWEST ATLANTIC WAVE CLIMATOLOGY: MONTHLY SUMMARIES OF MAXIMUM WAVE HEIGHT, PERIOD AND DIRECTION (1972 TO PRESENT).

PARAMETERS: WAVE DIRECTION, WAVE PERIOD, MAXIMUM WAVE HEIGHT

PERIOD OF OBSERVATION: 9 YEARS

Start: MAY 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: N.W. ATLANTIC- 30N-60N, 25W TO NORTH AMERICAN COASTLINE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 12 VOLUMES

REMARKS: MONTHLY SUMMARY TABULATIONS ORGANIZED BY MONTH AND 5 DEGREE SQUARES.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 267

481

TITLE: SURFACE WATER TEMPERATURE OF THE ST. LAWRENCE SEAWAY DURING LATE FALL (1968 TO PRESENT)

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 12 YEARS

Start: NOV 1968

End: CONTINUOUS

GEOGRAPHICAL AREA: ST. LAWRENCE SEAWAY-KINGSTON TO LAC ST. PIERRE

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 39 SURVEYS

REMARKS: REFERENCE: IRBE, J.G., 1972. AN OPERATIONAL PROGRAM FOR MEASURING SURFACE WATER TEMPERATURE BY AIRBORNE RADIATION THERMOMETER (ART) SURVEY, PROC. 1ST CAN. SYMP. REMOTE SENSING, PP.183-200. BIWEEKLY DURING NOV, DEC UNTIL FREEZE-UP

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 186

482

TITLE: MONTHLY SURVEYS OF GREAT LAKES SURFACE WATER TEMPERATURE, (1966 TO PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 15 YEARS

Start: JAN 1966

End: CONTINUOUS

GEOGRAPHICAL AREA: LAKES SUPERIOR (TO 1975), HURON, ERIE, ONTARIO, SIMCOE AND GEORGIAN BAY.

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: 500 MAPS, ORGANIZED BY LAKE

REMARKS: TEMPERATURE ACCURATE TO 0.5C.
REFERENCE: IRBE, J.G., 1972. AN OPERATIONAL
PROGRAM FOR MEASURING SURFACE WATER TEM-
PERATURE BY AIRBORNE RADIATION THERMOMETER
(ART) SURVEY. PROC. 1ST CAN. SYMP. REMOTE SEN-
SING, PP. 183-200. FREQUENCY ROUGHLY MONTHLY
DURING ICE FREE SEASON.

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 185

483

TITLE: FNWC NORTHERN HEMISPHERE SURFACE MARINE
SYNOPTIC ANALYSES DATA SETS (1961 TO PRESENT)

PARAMETERS: STANDARD SURFACE METEOROLOGY,
STANDARD UPPER AIR METEOROLOGY

PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1961

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE- ABOUT
150 NAUTICAL MILE GRID

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 430, 7TK 556 BPI TAPES- 2 REELS/MONTH

REMARKS: DERIVED FIELDS (1966 ON) AND SPECTRAL
WAVES (1975 ON) INCLUDED

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 194

484

TITLE: SURFACE WEATHER AND SEA STATE
OBSERVATIONS-CANADIAN ARCTIC ISLANDS (1953-73)

PARAMETERS: SEA STATE, STANDARD SURFACE
METEOROLOGY

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1953

End: DEC 1973

GEOGRAPHICAL AREA: ALL ARCTIC WATERWAYS IN THE
CANADIAN ARCTIC ISLANDS AREA

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE, 1600 BPI

REMARKS: NONE

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 192

485

TITLE: BREAK-UP, FREEZE-UP AND ICE THICKNESS FOR
CANADIAN WATER BODIES (1822 TO 1977).

PARAMETERS: ICE THICKNESS, DATE OF ICE BREAKUP, ICE
DRIFT

PERIOD OF OBSERVATION: 155 YEARS

Start: JAN 1822

End: DEC 1976

GEOGRAPHICAL AREA: 338 STATIONS AND 432 WATER
BODIES IN CANADA

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 1 VOLUME PUBLISHED DATA, 183 PAGES

REMARKS: PERIOD OF OBSERVATIONS VARIES WITH IN-
DIVIDUAL STATIONS. FREEZE-UP, BREAK-UP AND ICE
THICKNESS IN CANADA-CLI-1-77 BY W.T.R ALLEN

HOLDING CENTER:
CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 188

486

TITLE: 6-HOURLY SURFACE ISOBARIC ANALYSIS OF THE
N.W. ATLANTIC OCEAN (1975 TO PRESENT).

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHWEST ATLANTIC OCEAN

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS, MACHINE PRINTED HARD COPY

VOLUME: 4 CHARTS/DAY

REMARKS: ANALYSIS OF SHIP, BUOY, SATELLITE INFOR-
MATION

HOLDING CENTER:
HALIFAX METEOROLOGY & OCEANOGRAPHY CNTR
CANADIAN MARITIME COMMAND

DATA SET IDENTIFIER: 180

487

TITLE: 12-HOUR WAVE HEIGHT ANALYSIS, NORTH ATLAN-
TIC (1972 TO PRESENT).

PARAMETERS: SWELL HEIGHT, SEA HEIGHT, WAVE
AMPLITUDE

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTH ATLANTIC OCEAN: 70N 70W/
25N 90W/ 30N 35W/ 50N 00W/

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS
VOLUME: 2 CHARTS/DAY
REMARKS: HARD COPY CHARTS 18X24, AES STOCK
NO.0062-9787
HOLDING CENTER:
HALIFAX METEOROLOGY & OCEANOGRAPHY CNTR
CANADIAN MARITIME COMMAND
DATA SET IDENTIFIER: 179

488

TITLE: WEEKLY ANALYSIS SEA SURFACE TEMPERATURE,
NORTHWEST ATLANTIC (1963 TO PRESENT)
PARAMETERS: TEMPERATURE
PERIOD OF OBSERVATION: 18 YEARS
Start: JAN 1963
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHWEST ATLANTIC
DATA TYPE: DERIVED DATA
Organization: FIELD
MEDIA: CHARTS/MAPS
VOLUME: CHARTS. DAILY 1963-1972, WEEKLY SINCE 1972
REMARKS: ANALYSIS DAILY 1963-1972, WEEKLY SINCE
1972
HOLDING CENTER:
HALIFAX METEOROLOGY & OCEANOGRAPHY CNTR
CANADIAN MARITIME COMMAND
DATA SET IDENTIFIER: 181

489

TITLE: TWICE DAILY WAVE HEIGHT ANALYSIS, NE PACIFIC
OCEAN (1973 TO PRESENT)
PARAMETERS: WAVE AMPLITUDE
PERIOD OF OBSERVATION: 8 YEARS
Start: JUL 1973
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHEAST PACIFIC
DATA TYPE: DERIVED DATA
Organization: FIELD
MEDIA: CHARTS/MAPS
VOLUME: 1 CHART-2/DAY
REMARKS: BASED ON VISUAL REPORTS OF SIGNIFICANT
SEA AND SWELL HEIGHTS. ROOT MEAN SQUARE OF SEA
AND SWELL IS CALCULATED.
HOLDING CENTER:
SO METEOROLOGY & OCEANOGRAPHY
MARITIME FORCES PACIFIC (OF CANADA)
DATA SET IDENTIFIER: 182

490

TITLE: MONTHLY MEAN SEA SURFACE TEMPERATURE AND
ANOMALY CHART, NE PACIFIC (1969 TO PRESENT).
PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHEAST PACIFIC

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: 2 CHARTS/ MONTH

REMARKS: ANOMALIES ARE DEPARTURES FROM 20-YEAR
MEANS

HOLDING CENTER:

SO METEOROLOGY & OCEANOGRAPHY
MARITIME FORCES PACIFIC (OF CANADA)

DATA SET IDENTIFIER: 184

491

TITLE: TWICE WEEKLY SEA SURFACE TEMPERATURE
ANALYSIS, NORTHEAST PACIFIC (1961 TO PRESENT)
PARAMETERS: TEMPERATURE
PERIOD OF OBSERVATION: 20 YEARS
Start: JAN 1961
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHEAST PACIFIC
DATA TYPE: DERIVED DATA
Organization: FIELD
MEDIA: CHARTS/MAPS
VOLUME: 1 CHART/WK (1961-1968), 2 CHARTS/WK SINCE
1968
REMARKS: FREQUENCY: ONCE PER WEEK 1961 TO 1968.
HOLDING CENTER:
SO METEOROLOGY & OCEANOGRAPHY
MARITIME FORCES PACIFIC (OF CANADA)
DATA SET IDENTIFIER: 183

492

TITLE: WAVE DATA FOR CANADIAN WATERS (1969 TO PRE-
SENT).
PARAMETERS: WAVE AMPLITUDE
PERIOD OF OBSERVATION: 12 YEARS
Start: JAN 1969
End: CONTINUOUS
GEOGRAPHICAL AREA: CANADIAN MARINE AND INLAND
WATERS
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: 500 TAPES, 1600 BPI
REMARKS: NONE
HOLDING CENTER:
FISHERIES AND OCEANS CANADA
MARITIME ENVIRONMENTAL DATA SERVICES
DATA SET IDENTIFIER: 198

493

TITLE: SURFACE AND SUB-SURFACE OCEAN DATA,
NORTHWEST ATLANTIC, GULF OF ST. LAWRENCE (1969-
PRESENT)

PARAMETERS: WATER TEMPERATURE, WATER TEM-
PERATURE, CONDUCTIVITY(ELECTRICAL)

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHWEST ATLANTIC AND GULF
OF ST. LAWRENCE

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH,
FLEXIBLE DISKS

VOLUME: APPROXIMATELY 50 MILLION CHARACTERS

REMARKS: NONE

HOLDING CENTER:

FISHERIES AND OCEANS CANADA
MARITIME ENVIRONMENTAL DATA SERVICES

DATA SET IDENTIFIER: 237

494

TITLE: SURFACE AND SUB-SURFACE OCEANOGRAPHIC
DATA- XBT, CANADIAN WATERS (1968-PRESENT)

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 13 YEARS

Start: JAN 1968

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADIAN WATERS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 2- 9 TRACK, 1600 BPI TAPES

REMARKS: NONE

HOLDING CENTER:

FISHERIES AND OCEANS CANADA
MARITIME ENVIRONMENTAL DATA SERVICES

DATA SET IDENTIFIER: 283

495

TITLE: SURFACE AND SUB-SURFACE OCEANOGRAPHIC
DATA- MBT, CANADIAN WATERS (1942-PRESENT)

PARAMETERS: SEA SURFACE TEMPERATURE, WATER TEM-
PERATURE

PERIOD OF OBSERVATION: 39 YEARS

Start: JAN 1942

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADIAN WATERS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 6, 9 TRACK, 1600 BPI TAPES

REMARKS: NONE

HOLDING CENTER:

FISHERIES AND OCEANS CANADA
MARITIME ENVIRONMENTAL DATA SERVICES

DATA SET IDENTIFIER: 238

496

TITLE: DAILY SURFACE TEMPERATURE AND SALINITY,
SELECTED STATIONS WEST COAST OF CANADA (1930
TO PRESENT)

PARAMETERS: SALINITY, TEMPERATURE

PERIOD OF OBSERVATION: 51 YEARS

Start: JAN 1930

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADIAN PACIFIC COAST - AP-
PROXIMATELY 15-20 SITES. LOCATIONS VARY YEARLY.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS,
MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, STRIP
CHART

VOLUME: APPROX. 350, 000 STATION DAYS

REMARKS: REFERENCE: OBSERVATIONS OF SEAWATER
TEMPERATURES AND SALINITY AT BRITISH COLUMBIA
SHORE STATIONS, 1974, L.F. GIOVANDO, PACIFIC
MARINE SCIENCE REPORT 78-2. INSTITUTE OF OCEAN
SCIENCES, PATRICIA BAY, SIDNEY, B.C. DATA STORED
ALPHABETICALLY BY STATION WITHIN YEAR.

HOLDING CENTER:

FISHERIES AND OCEANS CANADA
MARITIME ENVIRONMENTAL DATA SERVICES

DATA SET IDENTIFIER: 239

497

TITLE: PHYSICAL/CHEMICAL OCEANOGRAPHIC DATA BASE
(1915 TO PRESENT)

PARAMETERS: SALINITY, TEMPERATURE, VERTICAL TEM-
PERATURE GRADIENT, SOUND VELOCITY

PERIOD OF OBSERVATION: 66 YEARS

Start: JAN 1915

End: CONTINUOUS

GEOGRAPHICAL AREA: WATERS IN AND AROUND CANADA

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH,
FLEXIBLE DISKS

VOLUME: APPROX 130, 000 STATIONS. FILE SIZE-150
MILLION CHARACTERS.

REMARKS: REFERENCES: H.E. SWEERS, 1970 MANUSCRIPT
SERIES NO.15, OCEANS IV, MEDS FISHERIES AND
OCEANS CANADA, MEDS, USER GUIDE

HOLDING CENTER:

FISHERIES AND OCEANS CANADA
MARITIME ENVIRONMENTAL DATA SERVICES

DATA SET IDENTIFIER: 274

498

TITLE: CHS, GENERAL BATHYMETRIC CHART OF THE OCEANS IN METRIC CONTOURS FROM ALL AVAILABLE DATA (1953 TO 1980).

PARAMETERS: DEPTH

PERIOD OF OBSERVATION: 28 YEARS

Start: JAN 1953

End: DEC 1980

GEOGRAPHICAL AREA: GLOBAL OCEAN BASINS

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: 16 MERCATOR CHARTS (1:10M); 2 POLAR SHEETS (64 DEG-90 DEG) (1:6M)

REMARKS: FOR SALE TO THE PUBLIC

HOLDING CENTER:

CANADIAN HYDROLOGIC SERVICE
GEOSCIENCE MAPPING UNIT

DATA SET IDENTIFIER: 235

499

TITLE: DIGITIZED EXPENDABLE BATHY THERMOGRAPH (XBT) DATA, GLOBAL OCEANS (1966 TO PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 15 YEARS

Start: JAN 1966

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: DATA AVAILABLE IN CRUISE OR AREA SORT. DEPTH 0-1830M. ACCURACY +/- 0.2 C. 25, 000 CASTS/YEAR.

HOLDING CENTER:

U.S.NATIONAL OCEANOGRAPHIC DATA CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 501

500

TITLE: NODC MECHANICAL BATHY THERMOGRAPH FILE-TEMPERATURE

PARAMETERS: TEMPERATURE, VERTICAL TEMPERATURE GRADIENT

PERIOD OF OBSERVATION: 31 YEARS

Start: JAN 1947

End: DEC 1977

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: APPROX. 800, 000 PROFILES

REMARKS: NONE

HOLDING CENTER:

U.S.NATIONAL OCEANOGRAPHIC DATA CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 199

501

TITLE: DIGITIZED MECHANICAL BATHY THERMOGRAPH (MBT) DATA, GLOBAL OCEANS (1941 TO 1975).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 35 YEARS

Start: JAN 1941

End: DEC 1975

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 756, 306 OBSERVATIONS

REMARKS: DATA DUPLICATED IN CRUISE SORT AND AREA SORT. DEPTH 0-285M.

HOLDING CENTER:

U.S.NATIONAL OCEANOGRAPHIC DATA CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 500

502

TITLE: SURFACE TEMPERATURE AND SALINITY, GLOBAL OCEANS, (1925 TO 1975).

PARAMETERS: SALINITY, TEMPERATURE

PERIOD OF OBSERVATION: 51 YEARS

Start: JAN 1925

End: DEC 1974

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 200, 000 OBS (120 CHAR. EACH)

REMARKS: DATA AVAILABLE IN CRUISE OR AREA SORT. DEPTH 0-1830M. ACCURACY +/- 0.2 C. 25, 000 CASTS/YEAR.

HOLDING CENTER:

U.S.NATIONAL OCEANOGRAPHIC DATA CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 502

503

TITLE: SURFACE CURRENTS FROM SHIP DRIFT, GLOBAL OCEANS (1904-1972)

PARAMETERS: CURRENT DIRECTION, CURRENT SPEED

PERIOD OF OBSERVATION: 69 YEARS

Start: JAN 1904

End: DEC 1972

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: DERIVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 6 REELS OF MAGNETIC TAPE

REMARKS: NONE

HOLDING CENTER:

U.S.NATIONAL OCEANOGRAPHIC DATA CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 549

504

TITLE: SURFACE CURRENT FROM SHIP DRIFT DATA,
GLOBAL OCEANS (1853-1931)

PARAMETERS: CURRENT DIRECTION, CURRENT SPEED

PERIOD OF OBSERVATION: 79 YEARS

Start: JAN 1853

End: DEC 1931

GEOGRAPHICAL AREA: GLOBAL OCEAN

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 4 REELS OF MAGNETIC TAPE

REMARKS: NONE

HOLDING CENTER:

U.S.NATIONAL OCEANOGRAPHIC DATA CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 546

505

TITLE: OCEANOGRAPHIC STATION DATA FILE, GLOBAL
OCEANS. (1893 TO PRESENT).

PARAMETERS: SALINITY, TEMPERATURE, HYDROCAST

PERIOD OF OBSERVATION: 88 YEARS

Start: JAN 1893

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 34 TAPES (6/74) 1600 BPI

REMARKS: DATA DUPLICATED IN CRUISE SORT AND AREA
SORT. DATA INCREASE 35000 STATIONS/YEAR.
REFERENCE: 1974 USERS GUIDE TO NODC'S DATA SER-
VICES, REVISED 02/1974, NODC, WASHINGTON, D.C.

HOLDING CENTER:

U.S.NATIONAL OCEANOGRAPHIC DATA CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 499

506

TITLE: SEA SURFACE CURRENTS, GLOBAL (1870 TO 1977).

PARAMETERS: CURRENT DIRECTION, CURRENT SPEED

PERIOD OF OBSERVATION: 108 YEARS

Start: JAN 1870

End: DEC 1977

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 4, 299, 890 OBSERVATIONS

REMARKS: DATA ALSO AT THE U.S. NAVAL
OCEANOGRAPHIC OFFICE.

HOLDING CENTER:

U.S.NATIONAL OCEANOGRAPHIC DATA CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 622

507

TITLE: MONTHLY AVERAGES OF SEA SURFACE TEM-
PERATURE AND ANOMALIES (2 DEG LAT X 2 DEG LONG
GRID), NORTHERN HEMISPHERE (1965 TO 1975).

PARAMETERS: TEMPERATURE, SEA SURFACE TEM-
PERATURE ANOMALIES

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1965

End: DEC 1975

GEOGRAPHICAL AREA: NORTH PACIFIC OCEAN

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: PUBLICATION, CHARTS/MAPS

VOLUME: MONTHLY PUBLICATIONS

REMARKS: DATA ARE GIVEN ON A 2 X 2 LATITUDE-
LONGITUDE GRID. TEMPERATURE DIFFERENCES FROM
PREVIOUS YEAR AND FROM LONG TERMS MEANS ARE
ALSO GIVEN.

HOLDING CENTER:

SOUTHWEST FISHERIES CENTER
U.S.NAT'L MARINE FISHERIES SERVICE, NOAA

DATA SET IDENTIFIER: 547

508

TITLE: NOS CURRENT METER DATA-SPEED AND
DIRECTION-IN THE ESTUARIES AND COASTAL REGIONS
OF THE UNITED STATES AND ITS TERRITORIES (1875 TO
PRESENT).

PARAMETERS: TEMPERATURE, PRESSURE, CURRENT
DIRECTION, CURRENT SPEED, CONDUCTIVITY(ELEC-
TRICAL)

PERIOD OF OBSERVATION: 106 YEARS

Start: JAN 1875

End: CONTINUOUS

GEOGRAPHICAL AREA: ESTUARIES AND COASTAL REGIONS
OF THE UNITED STATES AND ITS TERRITORIES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS,
MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH,
MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

NATIONAL OCEAN SURVEY
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 271

509

TITLE: MONTHLY MEAN SEA LEVEL, COASTAL UNITED
STATES. (1860 TO PRESENT).

PARAMETERS: SEA HEIGHT

PERIOD OF OBSERVATION: 121 YEARS

Start: JAN 1860

End: CONTINUOUS

GEOGRAPHICAL AREA: 29 STATIONS ALONG THE COASTS
OF THE U.S.

DATA TYPE: MEAN - MONTHLY

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS,
MACHINE PRINTED HARD COPY

VOLUME: PUBLISHED YEARLY

REMARKS: UNINTERRUPTED YEARLY MEANS FOR 29 STA-
TIONS SINCE 1939. STATIONS PART OF THE NATIONAL
TIDAL DATUM CONTROL NETWORK. TRENDS AND
VARIABILITY (1940 TO PRESENT) PUBLISHED EVERY 2-3
YEARS.

HOLDING CENTER:

NATIONAL OCEAN SURVEY
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 273

510

TITLE: U.S. YEARLY MEAN SEA LEVEL, COASTAL AREAS
(1860 TO PRESENT).

PARAMETERS: SEA HEIGHT

PERIOD OF OBSERVATION: 121 YEARS

Start: JAN 1860

End: CONTINUOUS

GEOGRAPHICAL AREA: 29 STATIONS ALONG THE COASTS
OF THE U.S.

DATA TYPE: MEAN - YEARLY

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS,
MACHINE PRINTED HARD COPY

VOLUME: PUBLISHED YEARLY

REMARKS: UNINTERRUPTED YEARLY MEANS FOR 29 STA-
TIONS SINCE 1939. STATIONS PART OF THE NATIONAL
TIDAL DATUM CONTROL NETWORK. TRENDS AND
VARIABILITY (1940 TO PRESENT) PUBLISHED EVERY 2-3
YEARS.

HOLDING CENTER:

NATIONAL OCEAN SURVEY
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 272

511

TITLE: NMFS GLOBAL MONTHLY MEAN SEA SURFACE TEM-
PERATURE FILE (1971 TO 1978).

PARAMETERS: TEMPERATURE, SEA SURFACE TEM-
PERATURE ANOMALIES

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1971

End: DEC 1978

GEOGRAPHICAL AREA: GLOBAL BY 1 DEGREE SQUARES OF
LATITUDE AND LONGITUDE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 3 TAPES, 7 TK, 556 BPI

REMARKS: REFERENCE: OCEAN VARIABILITY: EFFECT ON
U.S. MARINE FISHERY RESOURCES - 1976. J.R. GOULET,
JR. AND E.D. HAYNES, EDITORS, NATIONAL MARINE
FISHERIES SERVICE, WASHINGTON, D.C.

HOLDING CENTER:

PACIFIC ENVIRONMENTAL GROUP
U.S.NAT'L MARINE FISHERIES SERVICE, NOAA

DATA SET IDENTIFIER: 197

512

TITLE: NMFS, NORTHERN HEMISPHERE GRID OF TEN DAY
MEANS OF WIND PARAMETERS (1946 TO 1976).

PARAMETERS: WIND - MERIDIONAL COMPONENT, WIND -
ZONAL COMPONENT, MEAN WIND STRESS, CURL OF
WIND STRESS

PERIOD OF OBSERVATION: 31 YEARS

Start: JAN 1946

End: DEC 1976

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE- 63 X 63
GRID ON POLAR STEREOGRAPHIC MAP, 381 KM AT 60N

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 6 REELS (7 TK, 556 BPI)

REMARKS: 10-DAY MEANS FROM OBJECTIVELY
REANALYZED 6-HOURLY SURFACE PRESSURE FIELDS.

HOLDING CENTER:

PACIFIC ENVIRONMENTAL GROUP
U.S.NAT'L MARINE FISHERIES SERVICE, NOAA

DATA SET IDENTIFIER: 268

513

TITLE: SEA BOTTOM CORES, GLOBAL (1950 TO 1976).
PARAMETERS: SEDIMENT SAMPLE
PERIOD OF OBSERVATION: 27 YEARS
 Start: JAN 1950
 End: DEC 1976
GEOGRAPHICAL AREA: GLOBAL OCEANS
DATA TYPE: OBSERVED DATA
 Organization: TRACKLINE
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: 38, 571 CORE DESCRIPTIONS
REMARKS: NONE
HOLDING CENTER:
 NAVAL OCEAN RESEARCH & DVLPMNT ACTIVITY
 SEA FLOOR DIVISION
DATA SET IDENTIFIER: 629

514

TITLE: SEA SURFACE DATA AND SURFACE
 METEOROLOGICAL DATA, BLOCK ISLAND SOUND (1973
 TO 1977).
PARAMETERS: SEA STATE, SALINITY, WATER TEM-
 PERATURE, ATMOSPHERE TEMPERATURE, PRESSURE,
 WIND SPEED, WIND DIRECTION, STANDARD SURFACE
 METEOROLOGY, CLOUD COVER
PERIOD OF OBSERVATION: 5 YEARS
 Start: JAN 1973
 End: DEC 1977
GEOGRAPHICAL AREA: BLOCK ISLAND SOUND
DATA TYPE: OBSERVED DATA
 Organization: NETWORK
MEDIA: MACHINE PRINTED HARD COPY
VOLUME: UNKNOWN
REMARKS: NONE
HOLDING CENTER:
 NAVAL UNDERWATER SYSTEMS CENTER
 U.S. DEPARTMENT OF DEFENSE
DATA SET IDENTIFIER: 548

515

TITLE: OCEAN TEMPERATURES AND TEMPERATURE
 GRADIENTS VICINITY OF THE PRIMARY LAYER DEPTH,
 NORTHERN HEMISPHERE GRID, (1976-PRESENT).
PARAMETERS: BATHYMETRY, TEMPERATURE, VERTICAL
 TEMPERATURE GRADIENT
PERIOD OF OBSERVATION: 5 YEARS
 Start: JAN 1976
 End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEANS
DATA TYPE: DERIVED DATA
 Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. TEM-
 PERATURES AND GRADIENTS AT 100 FT. ABOVE AND
 BELOW PRIMARY LAYER DEPTH (PLD). CURVATURE AT
 PLD ALSO OBSERVED.

HOLDING CENTER:
 FLEET OCEANOGRAPHIC CENTER
 U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 687

516

TITLE: OCEAN STATION TEMPERATURE VERTICAL
 GRADIENTS, NORTHERN HEMISPHERE GRID (1976 TO
 PRESENT).
PARAMETERS: BATHYMETRY, VERTICAL TEMPERATURE
 GRADIENT
PERIOD OF OBSERVATION: 5 YEARS
 Start: JAN 1976
 End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEANS
DATA TYPE: DERIVED DATA
 Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. 200 FT. VER-
 TICAL INTERVALS, SURFACE TO 1200 FT.
HOLDING CENTER:
 FLEET OCEANOGRAPHIC CENTER
 U.S.NAVAL POST GRADUATE SCHOOL
DATA SET IDENTIFIER: 686

517

TITLE: OCEAN WAVES SPECTRAL ENERGY, ATLANTIC
 OCEAN (1975 TO PRESENT).
PARAMETERS: WAVE SPECTRAL ENERGY
PERIOD OF OBSERVATION: 6 YEARS
 Start: JAN 1975
 End: CONTINUOUS
GEOGRAPHICAL AREA: ATLANTIC OCEAN
DATA TYPE: DERIVED DATA
 Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: 350NM RESOLUTION. SPECTRAL ENERGY IN 12
 DIRECTIONS, 15 FREQUENCIES.
HOLDING CENTER:
 FLEET OCEANOGRAPHIC CENTER
 U.S.NAVAL POST GRADUATE SCHOOL
DATA SET IDENTIFIER: 657

518

TITLE: OCEAN WAVE SPECTRA AND SIGNIFICANT WAVE HEIGHTS, NORTHERN HEMISPHERE GRID (1975 TO PRESENT).

PARAMETERS: WAVE AMPLITUDE

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEANS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MICROFILM

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 666

519

TITLE: 6-HOURLY OCEAN WAVE SPECTRA - HEIGHT, DIRECTION, PERIOD, NORTHERN HEMISPHERE GRID (1975 TO PRESENT).

PARAMETERS: WAVE AMPLITUDE, WAVE DIRECTION, WAVE PERIOD

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEANS

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. PARAMETERS INCLUDE PRIMARY AND SECONDARY OCEAN WAVE PERIOD AND DIRECTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 679

520

TITLE: WHITE CAPS, NORTHERN HEMISPHERE (1975 TO PRESENT).

PARAMETERS: SEA STATE

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEANS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 KM GRID, 381 KM RESOLUTION. SEA STATE ESTIMATED FROM PERCENT WHITE CAPS.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 678

521

TITLE: 6-HOURLY OCEAN WAVE SPECTRA - HEIGHT, PERIOD, DIRECTION, MEDITERRANEAN SEA (1975 TO PRESENT).

PARAMETERS: WAVE AMPLITUDE, WAVE DIRECTION, WAVE PERIOD

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: MEDITERRANEAN SEA

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 95 KM RESOLUTION GRID

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 625

522

TITLE: OCEAN WAVES SPECTRAL ENERGY, INDIAN OCEAN (1975 TO PRESENT).

PARAMETERS: WAVE SPECTRAL ENERGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: INDIAN OCEAN

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 350NM RESOLUTION. SPECTRAL ENERGY IN 12 DIRECTIONS, 15 FREQUENCIES.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 656

523

TITLE: OCEAN WAVES SPECTRAL ENERGY, PACIFIC OCEAN,
(1975-PRESENT).

PARAMETERS: WAVE SPECTRAL ENERGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: PACIFIC OCEAN

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 350NM RESOLUTION. SPECTRAL ENERGY IN 12
DIRECTIONS, 15 FREQUENCIES.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 660

524

TITLE: OCEAN WAVES SPECTRAL ENERGY, MEDITERRA-
NEAN SEA (1975 TO PRESENT).

PARAMETERS: WAVE SPECTRAL ENERGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: MEDITERRANEAN SEA

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 350NM RESOLUTION. SPECTRAL ENERGY IN 12
DIRECTIONS, 15 FREQUENCIES.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 655

525

TITLE: OCEAN WAVES SPECTRAL ENERGY, PACIFIC OCEAN,
(1975-PRESENT).

PARAMETERS: WAVE SPECTRAL ENERGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: PACIFIC OCEAN

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 350NM RESOLUTION. SPECTRAL ENERGY IN 12
DIRECTIONS, 15 FREQUENCIES.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 659

526

TITLE: OCEAN WAVES SPECTRAL ENERGY, ATLANTIC
OCEAN, (1975-PRESENT).

PARAMETERS: WAVE SPECTRAL ENERGY

PERIOD OF OBSERVATION: 6 YEARS

Start: JAN 1975

End: CONTINUOUS

GEOGRAPHICAL AREA: ATLANTIC OCEAN

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 350NM RESOLUTION. SPECTRAL ENERGY IN 12
DIRECTIONS, 15 FREQUENCIES.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 658

527

TITLE: SEA SURFACE TEMPERATURE, NORTH ATLANTIC
OFF NEWFOUNDLAND, (1974-PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTH ATLANTIC OCEAN IN THE
VICINITY OF NEWFOUNDLAND

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 624

528

TITLE: SEA SURFACE TEMPERATURE, KUROSHIO
CURRENT, NORTHERN HEMISPHERE GRID (1974 TO
PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTH PACIFIC OCEAN

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER

U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 664

529

TITLE: OCEAN FRONTS, NORTHERN HEMISPHERE GRID
(1966 TO 1972).

PARAMETERS: BATHYMETRY, VERTICAL TEMPERATURE
GRADIENT, HORIZONTAL TEMPERATURE GRADIENT

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1966

End: DEC 1972

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEANS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. DATA
INCLUDES INFORMATION ON OCEAN FRONTS.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER

U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 689

530

TITLE: SEA SURFACE TEMPERATURE, SOUTHERN
HEMISPHERE GRID (1973 TO PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 8 YEARS

Start: JUL 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: SOUTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER

U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 627

531

TITLE: SEA SURFACE TEMPERATURE, GULF STREAM (1972
TO PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 9 YEARS

Start: JAN 1972

End: CONTINUOUS

GEOGRAPHICAL AREA: GULF STREAM, ATLANTIC OCEAN

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER

U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 626

532

TITLE: SEA SURFACE TEMPERATURE ANOMALIES,
NORTHERN AND SOUTHERN HEMISPHERE GRIDS (1971-
AND 1973 TO PRESENT, RESPECTIVELY).

PARAMETERS: SEA SURFACE TEMPERATURE ANOMALIES

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1971

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION EACH
HEMISPHERE. SOUTHERN HEMISPHERE ANALYSIS
FROM JULY, 1973.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER

U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 654

533

TITLE: DIRECTIONS, PERIODS, AND HEIGHTS OF WAVES,
SWELL AND COMBINED SEA, NORTHERN HEMISPHERE
GRID (1965 TO 1975).

PARAMETERS: SWELL DIRECTION, SWELL PERIOD, SWELL
HEIGHT, SEA DIRECTION, SEA PERIOD, SEA HEIGHT,
WAVE AMPLITUDE, WAVE DIRECTION, WAVE PERIOD

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1965

End: DEC 1975

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEANS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. COMBINED
SEA HEIGHT AVAILABLE ON MICROFILM.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 663

534

TITLE: SEA TEMPERATURE AT DEPTH (100-1200 FT),
NORTHERN HEMISPHERE GRID (1965 TO PRESENT).

PARAMETERS: BATHYMETRY, TEMPERATURE, VERTICAL
TEMPERATURE GRADIENT

PERIOD OF OBSERVATION: 15 YEARS

Start: NOV 1965

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 675

535

TITLE: POTENTIAL MIXED LAYER DEPTH, NORTHERN
HEMISPHERE GRID, (1965-PRESENT).

PARAMETERS: MIXING LAYER DEPTH

PERIOD OF OBSERVATION: 16 YEARS

Start: APR 1965

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MICROFILM, MAGNETIC TAPE, DIGITAL
STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. POTENTIAL
MIXED LAYER DEPTH (THERMOCLINE DEPTH).

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 676

536

TITLE: GRADIENTS OF SEA TEMPERATURES, NORTHERN
HEMISPHERE GRID, (1965-PRESENT).

PARAMETERS: TEMPERATURE, VERTICAL TEMPERATURE
GRADIENT, HORIZONTAL TEMPERATURE GRADIENT

PERIOD OF OBSERVATION: 16 YEARS

Start: JAN 1965

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEANS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 665

537

TITLE: SEA SURFACE TEMPERATURE, NORTHERN
HEMISPHERE GRID, (1961-PRESENT).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 19 YEARS

Start: NOV 1961

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEAN
AREAS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MICROFILM, MAGNETIC TAPE, DIGITAL STANDARD
1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION. MICROFILM
DATA BEGINS 1965.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 639

538

TITLE: NCC GLOBAL SURFACE MARINE ANALOG DATA SETS
(1872 TO PRESENT).

PARAMETERS: PRESSURE, WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 109 YEARS

Start: JAN 1872

End: CONTINUOUS

GEOGRAPHICAL AREA: BAROGRAMS- IRREGULARLY OVER
OPEN OCEAN. WIND RECORDS-U.S. COASTAL STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: STRIP CHART
VOLUME: 100 K BAROGRAPHS, 400K WIND RECORDS
REMARKS: BAROGRAMS-1891 TO PRESENT. SOME HOURLY OR 3-HOURLY POINTS APPEAR IN MANUSCRIPT AND DIGITAL RECORDS.
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 269

539

TITLE: GLOBAL SURFACE MARINE WEATHER OBSERVATIONS (1854 TO PRESENT).
PARAMETERS: SEA STATE, WATER TEMPERATURE, ATMOSPHERE TEMPERATURE, WET BULB TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD COVER, WEATHER
PERIOD OF OBSERVATION: 127 YEARS
Start: JAN 1854
End: CONTINUOUS
GEOGRAPHICAL AREA: GLOBAL, CONCENTRATED ON MAJOR SHIPPING ROUTES
DATA TYPE: OBSERVED DATA
Organization: TRACKLINE
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: 1200 MAGNETIC TAPES
REMARKS: NONE
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 193

540

TITLE: NCC GLOBAL SURFACE MARINE (COASTAL AND OPEN OCEAN) MANUSCRIPT DATA SET (1850'S TO PRESENT)
PARAMETERS: SEA STATE, WAVE AMPLITUDE, WAVE DIRECTION, WATER TEMPERATURE, ATMOSPHERE TEMPERATURE, WET BULB TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, VISIBILITY, STANDARD SURFACE METEOROLOGY, CLOUD TYPE, WEATHER
PERIOD OF OBSERVATION: 131 YEARS
Start: JAN 1850
End: CONTINUOUS
GEOGRAPHICAL AREA: GLOBAL OPEN OCEAN (PRIMARILY SHIPPING LANES), AND COASTAL U.S.
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: MANUSCRIPT
VOLUME: COASTAL 700K PP, OCEAN 5K PP

REMARKS: FROM MID 1940'S MOST OCEAN/SHIP DATA KEYED INTO SURFACE MARINE DIGITAL DATA SET. QUALITY CONTROLLED SINCE 1964. FREQUENCY OF SAMPLING VARIABLE FROM 1 TO 24 OBS./DAY.
HOLDING CENTER:
NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA
DATA SET IDENTIFIER: 195

541

TITLE: NMC GRID ANALYSES OF SEA SURFACE TEMPERATURES, NORTHERN HEMISPHERE (1973 TO PRESENT).
PARAMETERS: TEMPERATURE
PERIOD OF OBSERVATION: 8 YEARS
Start: JAN 1973
End: CONTINUOUS
GEOGRAPHICAL AREA: NORTHERN HEMISPHERE OCEANS, 15-90N.
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: NMC 47 X 51 OCTAGONAL GRID.
HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
DATA SET IDENTIFIER: 536

542

TITLE: YEAR-MONTH GRIDS OF SEA SURFACE TEMPERATURE, PACIFIC OCEAN NORTH OF 20S (1949-1962)
PARAMETERS: TEMPERATURE, HORIZONTAL TEMPERATURE GRADIENT
PERIOD OF OBSERVATION: 14 YEARS
Start: JAN 1949
End: DEC 1962
GEOGRAPHICAL AREA: PACIFIC OCEAN NORTH OF 20S
DATA TYPE: DERIVED DATA
Organization: GRID
MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: REFERENCE: EBER, L.E., J.F.T. SAUR, AND O.E. SETTE, MONTHLY MEAN CHARTS OF SEA SURFACE TEMPERATURES, NORTH PACIFIC OCEAN, 1949-1962. CIRCULAR 258, 1968. U.S. BUREAU OF COMMERCIAL FISHERIES (NOW NATIONAL MARINE FISHERIES SERVICE).
HOLDING CENTER:
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
DATA SET IDENTIFIER: 560

543

TITLE: ATLAS OF MONTHLY MEAN SEA SURFACE AND SUB-SURFACE TEMPERATURE AND DEPTH OF THE TOP OF THE THERMOCLINE, (1942 TO 1968).

PARAMETERS: BATHYMETRY, THERMOCLINE DEPTH, WATER TEMPERATURE, SEA SURFACE TEMPERATURE, PRESSURE, VERTICAL TEMPERATURE GRADIENT

PERIOD OF OBSERVATION: 27 YEARS

Start: JAN 1942

End: DEC 1968

GEOGRAPHICAL AREA: GULF OF MEXICO AND CARIBBEAN SEA

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: 1 ATLAS(84 CHARTS).

REMARKS: AUTHOR: MARGARET K. ROBINSON, SCRIPPS INSTITUTE OF OCEANOGRAPHY.

HOLDING CENTER:

NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPT. OF COMMERCE

DATA SET IDENTIFIER: 279

544

TITLE: U.S.W.B. CLIMATOLOGICAL AND OCEANOGRAPHIC ATLAS FOR MARINERS, VOL II, NORTH PACIFIC OCEAN (1961).

PARAMETERS: TEMPERATURE, AIR/SEA SURFACE TEMPERATURE DIFFERENCE, CURRENT DIRECTION, CURRENT SPEED, WIND SPEED, WIND DIRECTION, ICE/CONCENTRATION, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: UNKNOWN

Start: UNKNOWN

End: DEC 1961

GEOGRAPHICAL AREA: NORTH PACIFIC OCEAN

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: 1 ATLAS

REMARKS: SEASONS REPRESENTED BY MONTHS FEB, MAY, AUG, NOV.

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 282

545

TITLE: U.S.W.B. CLIMATOLOGICAL AND OCEANOGRAPHIC ATLAS FOR MARINERS, VOL.I, NORTH ATLANTIC OCEAN (1959).

PARAMETERS: TEMPERATURE, AIR/SEA SURFACE TEMPERATURE DIFFERENCE, CURRENT DIRECTION, CURRENT SPEED, WIND SPEED, WIND DIRECTION, ICE/CONCENTRATION, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: UNKNOWN

Start: UNKNOWN

End: AUG 1959

GEOGRAPHICAL AREA: NORTH ATLANTIC OCEAN

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: 1 ATLAS (7, 000, 000 SURFACE OBS.)

REMARKS: NONE

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 278

546

TITLE: SEA SURFACE TEMPERATURES IN THE EASTERN TROPICAL PACIFIC (1967-1968) EASTROPAC ATLAS CIRCULAR 330 VOLUMES 1, 3, 5, 7, AND 9. BY NMFS/NOAA (G.P.O. 1971-1975)

PARAMETERS: TEMPERATURE, SEA SURFACE TEMPERATURE ANOMALIES, AIR/SEA SURFACE TEMPERATURE DIFFERENCE

PERIOD OF OBSERVATION: 1 YEAR

Start: FEB 1967

End: MAR 1968

GEOGRAPHICAL AREA: EASTERN TROPICAL PACIFIC

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: 5 ATLASES (5414 NANSEN CASTS AND STD STATIONS)

REMARKS: OCEAN STATION DATA COLLECTED ON 3 SURVEY AND 4 MONITOR CRUISES. CONTRIBUTORS: INTERAMERICAN TUNA COMMISSION, VARIOUS OTHER U.S. AGENCIES AND FOREIGN GOVERNMENTS.

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 277

547

TITLE: METEOROLOGICAL ATLAS OF THE INTERNATIONAL INDIAN OCEANS EXPEDITION VOL.I-THE SURFACE CLIMATE OF 1963 AND 1964.

PARAMETERS: TEMPERATURE, AIR/SEA SURFACE TEMPERATURE DIFFERENCE, NET RADIATION, HEAT FLUX

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1963

End: DEC 1964

GEOGRAPHICAL AREA: INDIAN OCEAN

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: 1 ATLAS

REMARKS: AUTHORS- U.S. NATIONAL SCIENCE FOUNDATION AND INDIAN METEOROLOGICAL DEPARTMENT

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 276

548

TITLE: OCEANOGRAPHIC ATLAS OF THE INTERNATIONAL INDIAN OCEAN EXPEDITION (1971).

PARAMETERS: WATER OXYGEN, WATER OXYGEN, NITRATE (NO3), PHOSPHATE (PO4), SILICATE (SIO3), SALINITY, TEMPERATURE, SEA SURFACE TEMPERATURE ANOMALIES, PRESSURE

PERIOD OF OBSERVATION: 44 YEARS

Start: JAN 1923

End: DEC 1966

GEOGRAPHICAL AREA: INDIAN OCEAN

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: 70, 000 SST OBS.

REMARKS: MEAN SEA SURFACE TEMPERATURE IS LIMITED TO THE DATA OBTAINED FOR ONE YEAR(1963).

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 275

549

TITLE: ATLAS OF CLIMATIC CHARTS OF THE OCEANS: SEASONAL SEA-AIR TEMPERATURE DIFFERENCE CONTOURS FOR THE ATLANTIC AND PACIFIC OCEANS 10S-67N (1855 TO 1933).

PARAMETERS: TEMPERATURE, AIR/SEA SURFACE TEMPERATURE DIFFERENCE

PERIOD OF OBSERVATION: 49 YEARS

Start: JAN 1885

End: DEC 1933

GEOGRAPHICAL AREA: ATLANTIC AND PACIFIC OCEANS

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: 1 ATLAS (APPROX. 5.5 MILLION OBSERVATIONS INCLUDED)

REMARKS: ATLAS INCLUDES CLIMATOLOGICAL INFORMATION FOR THE WORLD'S OCEANS TO 60 DEGREES SOUTH BUT IN LESSER DETAIL. THIS DATA SET COMPLEMENTS A DATA SET FOR THE SAME REGION LISTING MONTHLY AVERAGE AIR AND SEA SURFACE TEMPERATURES. W.F.MCDONALD, AUTHOR. PUBL.BY G.P.O. NAVAIR 50-110-25/WB.

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 285

550

TITLE: ATLAS OF CLIMATIC CHARTS OF THE OCEANS (1855 TO 1933).

PARAMETERS: ATMOSPHERE TEMPERATURE, WATER TEMPERATURE

PERIOD OF OBSERVATION: 49 YEARS

Start: JAN 1885

End: DEC 1933

GEOGRAPHICAL AREA: ATLANTIC AND PACIFIC OCEANS

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS, MACHINE PRINTED HARD COPY

VOLUME: 1 ATLAS (APPROX 5.5 MILLION OBSERVATIONS INCLUDED)

REMARKS: DATA DERIVED DIRECTLY AND EXCLUSIVELY FROM ORIGINAL WEATHER OBSERVATIONS IN U.S. WEATHER BUREAU FILES (NON NCC). DATA FROM SHIPS OF VARIOUS NATIONS. (WILLARD F. MCDONALD, U.S. WEATHER BUREAU, AUTHOR, PUBL.BY U.S.GOV.PRINTING OFFICE 1938). MONTHLY AVERAGE AIR AND SEA SURFACE TEMPERATURES BY DEGREE LAT-LONG SQUARES.

HOLDING CENTER:

SUPERINTENDENT OF DOCUMENTS
U.S.GOVERNMENT PRINTING OFFICE

DATA SET IDENTIFIER: 284

551

TITLE: SEA SURFACE TEMPERATURES ALONG RANDOM TRACKS, NORTHERN HEMISPHERE (1971 TO 1977).

PARAMETERS: TEMPERATURE

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1971

End: DEC 1977

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE. 166, 126 MILES OF RANDOM TRACK.

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: DATA GATHERED CONCURRENTLY WITH BATHYMETRY AND MAGNETIC DATA.

HOLDING CENTER:

U.S.NAVAL OCEANOGRAPHIC OFFICE
N.S.T.L. STATION

DATA SET IDENTIFIER: 621

552

TITLE: OCEAN STATION SALINITY-TEMPERATURE-DEPTH PROFILES, GLOBAL (1970 TO 1977).

PARAMETERS: SALINITY, DEPTH, TEMPERATURE, VERTICAL TEMPERATURE GRADIENT, SOUND VELOCITY

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1970

End: DEC 1977

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 1,908 STATIONS. SIGMA T AND SPECIFIC VOLUME DATA ARE ALSO AVAILABLE.

HOLDING CENTER:

U.S.NAVAL OCEANOGRAPHIC OFFICE

N.S.T.L. STATION

DATA SET IDENTIFIER: 695

553

TITLE: LIGHT TRANSMISSION IN SEA WATER, AND ASSOCIATED PARAMETERS, U.S. AND FOREIGN COASTAL WATERS (1970 TO 1977).

PARAMETERS: SALINITY, TEMPERATURE, CURRENT DIRECTION, CURRENT SPEED, TURBIDITY, COLOR

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1970

End: DEC 1977

GEOGRAPHICAL AREA: U.S. AND FOREIGN COASTAL WATERS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MANUSCRIPT

VOLUME: UNKNOWN

REMARKS: 808 UNDERWATER TEMPERATURE, SALINITY, AND CURRENT MEASUREMENTS INCLUDE SURFACE AND SUBSURFACE PROFILE DATA.

HOLDING CENTER:

U.S.NAVAL OCEANOGRAPHIC OFFICE

N.S.T.L. STATION

DATA SET IDENTIFIER: 630

554

TITLE: COASTAL BOTTOM PHOTOGRAPHY, GLOBAL (1968 TO 1977).

PARAMETERS: PHOTOGRAPH

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1968

End: DEC 1977

GEOGRAPHICAL AREA: GLOBAL COASTAL AREAS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: PHOTOGRAPHIC PRINTS OR COPIES

VOLUME: 10,060 PHOTOGRAPHS

REMARKS: NONE

HOLDING CENTER:

U.S.NAVAL OCEANOGRAPHIC OFFICE

N.S.T.L. STATION

DATA SET IDENTIFIER: 631

555

TITLE: SUBSURFACE OCEAN CURRENT, NORTHERN HEMISPHERE, (1967-1977).

PARAMETERS: CURRENT DIRECTION, CURRENT SPEED

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1967

End: DEC 1977

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE, 720 STATIONS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

U.S.NAVAL OCEANOGRAPHIC OFFICE

N.S.T.L. STATION

DATA SET IDENTIFIER: 623

556

TITLE: BEACH ELEVATION PROFILES, BAHAMAS AND HAWAII, (1965-1977).

PARAMETERS: ALTITUDE

PERIOD OF OBSERVATION: 13 YEARS

Start: JAN 1965

End: DEC 1977

GEOGRAPHICAL AREA: ISLAND GROUPS, BAHAMAS AND HAWAIIAN

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MANUSCRIPT

VOLUME: 584 PROFILES

REMARKS: NONE

HOLDING CENTER:

U.S.NAVAL OCEANOGRAPHIC OFFICE

N.S.T.L. STATION

DATA SET IDENTIFIER: 643

557

TITLE: DEEP-WATER BOTTOM PHOTOGRAPHY, WORLD-WIDE (1950 TO 1976).

PARAMETERS: PHOTOGRAPH

PERIOD OF OBSERVATION: 27 YEARS

Start: JAN 1950

End: DEC 1976

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: PHOTOGRAPHIC PRINTS OR COPIES

VOLUME: 125, 000 PHOTOGRAPHS

REMARKS: NONE

HOLDING CENTER:

U.S.NAVAL OCEANOGRAPHIC OFFICE
N.S.T.L. STATION

DATA SET IDENTIFIER: 632

558

TITLE: MONTHLY MEAN SURFACE AND SUBSURFACE TEMPERATURES IN THREE DIMENSIONAL DIGITAL OCEAN CLIMATOLOGY FOR THE WESTERN NORTH ATLANTIC (1940 TO 1961).

PARAMETERS: MEAN MIXING LAYER DEPTH, SEA SURFACE TEMPERATURE, WATER TEMPERATURE, PRESSURE, VERTICAL TEMPERATURE GRADIENT

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1940

End: DEC 1961

GEOGRAPHICAL AREA: WESTERN NORTH ATLANTIC

DATA TYPE: DERIVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: ATLAS (300, 000 BT OBSERVATIONS)

REMARKS: AUTHORS: S.W. SELFRIDGE, W.C.WOODWORTH AND K.G. RICHARDS, FEBRUARY, 1968.

HOLDING CENTER:

MELLONICS SYSTEMS DEVELOPEMENT DIVISION
LITTON INDUSTRIES

DATA SET IDENTIFIER: 280

559

TITLE: SEA BED TEMPERATURE, GLOBAL (1950 TO 1975).

PARAMETERS: DEPTH, TEMPERATURE

PERIOD OF OBSERVATION: 26 YEARS

Start: JAN 1950

End: DEC 1975

GEOGRAPHICAL AREA: GLOBAL OCEANS - BASINS
GENERALLY, SOME SHELF AREAS.

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 75, 000 SAMPLES. SEA TEMPERATURE AT
SEDIMENT-LIQUID INTERFACE.

HOLDING CENTER:

WESTERN ELECTRIC COMPUTER CENTER
AMERICAN TELEPHONE AND TELEGRAPH CO.

DATA SET IDENTIFIER: 704

560

TITLE: GLOBAL OCEAN TEMPERATURE, SALINITY AND
SOUND PROFILE DATA, (1946 TO 1975).

PARAMETERS: SALINITY, TEMPERATURE, SOUND
VELOCITY

PERIOD OF OBSERVATION: 30 YEARS

Start: JAN 1946

End: DEC 1975

GEOGRAPHICAL AREA: GLOBAL OCEANS

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 600, 000 SAMPLES

HOLDING CENTER:

WESTERN ELECTRIC COMPUTER CENTER
AMERICAN TELEPHONE AND TELEGRAPH CO.

DATA SET IDENTIFIER: 705

561

TITLE: WATER TEMPERATURE PROFILES, AIR TEMPERATURES, DEWPOINTS AND WINDS FROM THE NORPAX ALPHA BUOY AT 35N, 155W (FALL 1974).

PARAMETERS: THERMOCLINE DEPTH, ATMOSPHERE TEMPERATURE, WATER TEMPERATURE, WIND VELOCITY, DEW POINT, VERTICAL TEMPERATURE GRADIENT

PERIOD OF OBSERVATION: 0 YEARS

Start: NOV 1974

End: DEC 1974

GEOGRAPHICAL AREA: NORTH PACIFIC OCEAN- 35N, 155W
(200 KM SOUTH OF KODIAK IS.)

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1500 HOURLY REPORTS. 25T/Z PROFILES

REMARKS: NORPAX DOC NO. 032-F600

HOLDING CENTER:

SCRIPPS INSTITUTE OF OCEANOGRAPHY
NORPAX A-030

DATA SET IDENTIFIER: 559

562

TITLE: TEMPERATURE PROFILE DATA FOR THE PACIFIC OCEAN (1941 TO 1962).

PARAMETERS: TEMPERATURE, VERTICAL TEMPERATURE GRADIENT

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1941

End: DEC 1962

GEOGRAPHICAL AREA: PACIFIC OCEAN

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 127, 000 PROFILES

REMARKS: NORPAX DOC. NO. 028, F350

HOLDING CENTER:

SCRIPPS INSTITUTE OF OCEANOGRAPHY
NORPAX A-030

DATA SET IDENTIFIER: 201

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

SCRIPPS INSTITUTE OF OCEANOGRAPHY
NORPAX A-030

DATA SET IDENTIFIER: 270

563

TITLE: BATHYTHERMOGRAPH VERTICAL TEMPERATURE
PROFILES- MONTHLY MEANS, OCEAN STATIONS, PAPA
AND VICTOR (1944 TO 1971).

PARAMETERS: TEMPERATURE, VERTICAL TEMPERATURE
GRADIENT

PERIOD OF OBSERVATION: 28 YEARS

Start: JAN 1944

End: DEC 1971

GEOGRAPHICAL AREA: 1 DEG SQUARE ABOUT STATIONS
PAPA 50N 145W, VICTOR 34N 165E

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NORPAX DOC NO.10, E400

HOLDING CENTER:

SCRIPPS INSTITUTE OF OCEANOGRAPHY
NORPAX A-030

DATA SET IDENTIFIER: 200

564

TITLE: FNWC ATMOSPHERIC AND OCEANOGRAPHIC DATA
FIELDS ON NORTHERN HEMISPHERE GRID (1944 TO
PRESENT)

PARAMETERS: DISSOLVED OXYGEN GAS, WAVE
AMPLITUDE, WAVE PERIOD, SEA SURFACE TEM-
PERATURE, ATMOSPHERE TEMPERATURE, WATER TEM-
PERATURE, ATMOSPHERE PRESSURE, ATMOSPHERE
PRESSURE, CURRENT DIRECTION, CURRENT SPEED,
WIND - MERIDIONAL COMPONENT, WIND - ZONAL COM-
ONENT, RELATIVE HUMIDITY, STANDARD SURFACE
METEOROLOGY, STANDARD UPPER AIR
METEOROLOGY, CLOUD TYPE, HEAT FLUX

PERIOD OF OBSERVATION: 37 YEARS

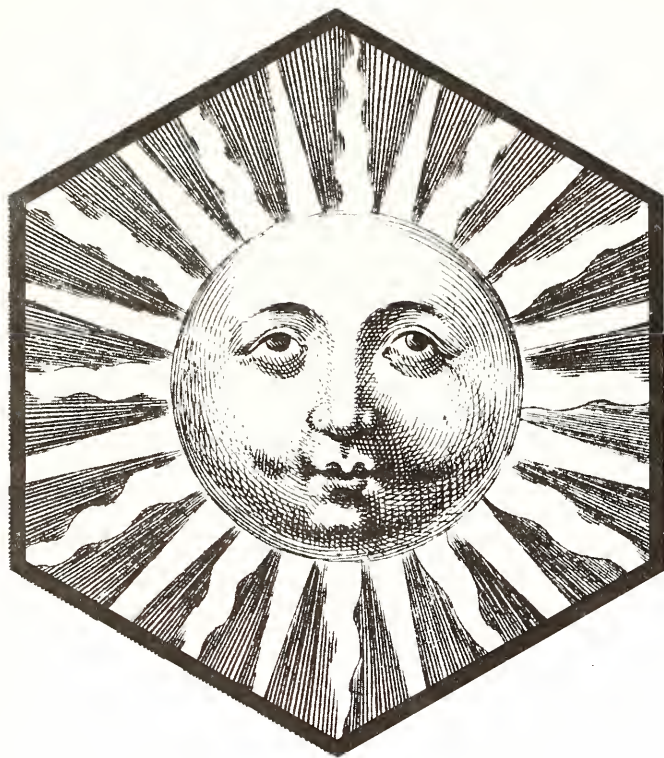
Start: JUN 1944

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE GRID (63 X
63) POLAR PROJECTION

DATA TYPE: DERIVED DATA

Organization: GRID



4 **Radiation, Physics, and Chemistry**

565

TITLE: CARBON DIOXIDE- WEEKLY FLASK SAMPLING AT OCEAN WEATHER SHIP PAPA (1961 TO PRESENT).

PARAMETERS: CARBON DIOXIDE

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: OCEAN WEATHER STATION PAPA AT 50N, 145W

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: UNKNOWN

VOLUME: UNKNOWN

REMARKS: INTERMITTENT PERIODS OF MEASUREMENT SINCE 1969

HOLDING CENTER:

INSTITUTE OF OCEAN SCIENCES
PATRICIA BAY, VANCOUVER ISLAND

DATA SET IDENTIFIER: 400

566

TITLE: BOUNDARY LAYER WIND AND TEMPERATURE PROFILES; RIMOUSKI, QUEBEC (SEPTEMBER 1977).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 0 YEARS

Start: AUG 1977

End: SEP 1977

GEOGRAPHICAL AREA: SINGLE STATION AT RIMOUSKI, QUEBEC, CANADA

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 150 PLOTS, 11 MAGNETIC TAPES (9 TR, 800 BPI)

REMARKS: REFERENCE: 1978 ATMOSPHERE/OCEAN, VOL.16, NO.3, PP.315-327

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 316

567

TITLE: BOUNDARY LAYER DATA OF FROZEN LAKE SIMCOE, ONTARIO, CANADA, (FEB-MAR, 1977 AND 1978).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, INCIDENT RADIATION

PERIOD OF OBSERVATION: 1 YEAR

Start: FEB 1977

End: MAR 1978

GEOGRAPHICAL AREA: LAKE SIMCOE, ONTARIO, CANADA

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: CHARTS/MAPS, LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 200 PLOTS, 3 TAPES (9 TK, 800 BPI).

REMARKS: 2 PERIODS- FEB 28-MAR 11, 1977; FEB 28-MAR 9, 1978. SURFACE FLUXES AND WIND SPECTRA COMPUTED. TEMPERATURE MEASURED BY RESISTANCE THERMISTOR, MINISONDE, AND TETHERSONDE ACOUSTIC DEVICES.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 415

568

TITLE: WIND AND TEMPERATURE PROFILES, BEAVER CREEK, YUKON TERRITORY (NOV-DEC, 1978 AND 1979).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 1 YEAR

Start: NOV 1977

End: DEC 1978

GEOGRAPHICAL AREA: BEAVER CREEK, YUKON TERRITORY, CANADA NEAR 60N 125W

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: CHARTS/MAPS, LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: PLOTS(500); TETHERSONDE 1 TAPE 800 BPI; 9-TRACK

REMARKS: TETHERSONDE-20 MINUTE PROFILES ; MINISONDE-3HR PROFILES ACOUSTIC SOUNDER-CONTINUOUS STRIP CHART PROFILES.REFERENCES: ARQL-9/78, ARQL-3/79, ARQL-4/79

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 306

569

TITLE: AIR POLLUTION AND PRECIPITATION NETWORK EASTERN CANADA (1978 TO PRESENT).

PARAMETERS: AIR POLLUTION STUDIES, PRECIPITATION, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 2 YEARS

Start: OCT 1978

End: CONTINUOUS

GEOGRAPHICAL AREA: 5 SITES IN EASTERN CANADA, 4 IN SOUTHERN ONTARIO, ONE IN N.S.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: NOT APPLICABLE

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 413

570

TITLE: RADIATION-ON-INCLINED-SURFACES DATA FROM SEVEN RADIOMETERS: GLOBAL, DIFFUSE, DIRECT, REFLECTED AND 3 INCLINED GLOBAL SOLAR SENSORS, TORONTO, ONTARIO (1976 TO 1978).

PARAMETERS: TEMPERATURE, GLOBAL SOLAR RADIATION, DIRECT SOLAR RADIATION, DIFFUSE SOLAR RADIATION, REFLECTED SOLAR RADIATION, SOLAR RADIATION

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1976

End: MAR 1978

GEOGRAPHICAL AREA: TORONTO, ONTARIO, CANADA

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 MAGNETIC TAPE, 800 B.P.I.

REMARKS: HOURLY DATA ALSO AVAILABLE. REFERENCE: SHORT WAVE RADIATION ON INCLINED SURFACES, JOHN HAY. FINAL REPORT OSS76-02095.AES

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 494

571

TITLE: CANADIAN NETWORK FOR SAMPLING PRECIPITATION (CANSAP) (1977 TO PRESENT).

PARAMETERS: PRECIPITATION CHEMISTRY

PERIOD OF OBSERVATION: 4 YEARS

Start: MAY 1977

End: CONTINUOUS

GEOGRAPHICAL AREA: DISTRIBUTED THROUGHOUT CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, PAPER TAPE, MACHINE PRINTED HARD COPY

VOLUME: APPROXIMATELY 4000 CARDS

REMARKS: REFERENCE: THE CANADIAN NETWORK FOR SAMPLING PRECIPITATION (CANSAP) - R.L. BERRY, INTERNAL REPORT 19RQA 45-77, THIRD EDITION, 1977.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 412

572

TITLE: RADIATION-ON-INCLINED-SURFACES DATA FROM SEVEN RADIOMETERS: GLOBAL, DIFFUSE, DIRECT, REFLECTED AND 3 INCLINED GLOBAL SOLAR SENSORS, VANCOUVER, BRITISH COLUMBIA (1977 TO PRESENT).

PARAMETERS: TEMPERATURE, GLOBAL SOLAR RADIATION, DIRECT SOLAR RADIATION, DIFFUSE SOLAR RADIATION, REFLECTED SOLAR RADIATION, SOLAR RADIATION

PERIOD OF OBSERVATION: 4 YEARS

Start: JAN 1977

End: CONTINUOUS

GEOGRAPHICAL AREA: VANCOUVER, BRITISH COLUMBIA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: APERTURE CARD, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 5000 CARDS

REMARKS: DATA IN TIME SERIES. REFERENCES: SHORTWAVE RADIATION ON INCLINED SURFACES, JOHN HAY. FINAL REPORT OSS76-02095.AES

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 495

573

TITLE: ATMOSPHERIC CARBON DIOXIDE DATA ALERT N.W.T. AND SABLE ISLANDS, N.S. (1974 TO PRESENT).

PARAMETERS: CARBON DIOXIDE

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: ISOLATED SITES: ALERT ON ELLSMERE ISLAND, N.W.T., SABLE ISLAND

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 399

574

TITLE: MONTHLY PRECIPITATION CHEMISTRY (1973 TO PRESENT).

PARAMETERS: PRECIPITATION CHEMISTRY

PERIOD OF OBSERVATION: 8 YEARS

Start: JUL 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: 9 SAMPLING LOCATIONS ACROSS CANADA. NETWORK ADJOINS U.S. NETWORK

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS, MACHINE PRINTED HARD COPY

VOLUME: ABOUT 2000 CARDS AT AES

REMARKS: DATA ARE PUBLISHED ANNUALLY BY NCC/NOAA. REFERENCES: INTERNATIONAL OPERATION HANDBOOK FOR MEASUREMENT OF BACKGROUND ATMOSPHERIC POLLUTION, WMO NO. 491, 1978.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 398

575

TITLE: AES/WMO GLOBAL OZONESONDE DATA (1960 TO PRESENT).

PARAMETERS: OZONE

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1960

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL OZONE MEASURING NETWORK

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, MACHINE PRINTED HARD COPY

VOLUME: PUBLICATION EVERY 2 MONTHS

REMARKS: TOTAL OZONE DATA AND UMKEHR (OZONE) DATA ALSO AVAILABLE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 315

576

TITLE: GLOBAL OZONESONDE DATA (1960 TO PRESENT).

PARAMETERS: OZONE, TEMPERATURE, WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1960

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL OZONE NETWORK, ABOUT 30 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, MACHINE PRINTED HARD COPY

VOLUME: 1 BOOK; 1 MAG TAPE (80-90, 000 CARD IMAGES)

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 310

577

TITLE: GLOBAL OZONE DATA (1957 TO PRESENT).

PARAMETERS: ATMOSPHERE OZONE

PERIOD OF OBSERVATION: 24 YEARS

Start: JAN 1957

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL OZONE NETWORK

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUBLICATION, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 2 MAGNETIC TAPES, 1600 BPI.

REMARKS: OZONE ALSO MEASURED BY ROCKETSONDE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 309

578

TITLE: GLOBAL, DIFFUSE, REFLECTED, AND NET SOLAR RADIATION, CANADIAN STATIONS (1950 TO PRESENT).

PARAMETERS: NET RADIATION, GLOBAL SOLAR RADIATION, DIFFUSE SOLAR RADIATION, REFLECTED SOLAR RADIATION, SOLAR RADIATION

PERIOD OF OBSERVATION: 31 YEARS

Start: JAN 1950

End: CONTINUOUS

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: LARGE

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 467

579

TITLE: NET RADIATION, HOURLY VALUES AND MONTHLY MEANS, AT PINAWA, MANITOBA (1969 TO PRESENT).

PARAMETERS: NET RADIATION

PERIOD OF OBSERVATION: 12 YEARS

Start: JUN 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: PINAWA, MANITOBA SITE NEAR CLIMATE STATION SITE

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS, PAPER TAPE

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

WHITESHELL NUCLEAR RES. ESTABLISHMENT
PINAWA, MANITOBA

DATA SET IDENTIFIER: 311

580

TITLE: DAILY METEOROLOGICAL DATA - SPORE AEROBIOLOGY STUDY IN KANANASKIS FOREST, ALBERTA, CANADA (MAY TO AUGUST, 1964 TO 1969).

PARAMETERS: TEMPERATURE, TEMPERATURE MAXIMUM, TEMPERATURE MINIMUM, GRASS MINIMUM TEMPERATURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, EVAPORATION, PRECIPITATION, STANDARD SURFACE METEOROLOGY, GLOBAL SOLAR RADIATION, SOLAR RADIATION

PERIOD OF OBSERVATION: 5 YEARS

Start: MAY 1964

End: AUG 1969

GEOGRAPHICAL AREA: ALBERTA, CANADA, KANANASKIS FOREST - 7 STATIONS.

DATA TYPE: DERIVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: APPROXIMATELY 20 FILES

REMARKS: DATA NOT ALWAYS COMPLETE FOR MAY AND AUGUST. MOST OF TEMPERATURE EXTRACTED, HALF OF HUMIDITY, MOST WIND AND RADIATION, BUT GAPS. MONTHLY SUMMARIES FOR MOST, DAILY FOR SOME.

HOLDING CENTER:

NORTHERN FOREST RESEARCH CENTER
ENVIRONMENT CANADA

DATA SET IDENTIFIER: 409

581

TITLE: WIND, TEMPERATURE, HUMIDITY, AND PRECIPITATION DATA FOR 6 SITES AT ST. JOHN, N.B. (1973 TO PRESENT).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION

PERIOD OF OBSERVATION: 7 YEARS

Start: OCT 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: NETWORK CENTERED ON ST. JOHN, N.B. APPROXIMATELY 6 STATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, PUNCHED CARDS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE (800 BPI)

REMARKS: PRECIPITATION PHASED OUT IN 1977.

HOLDING CENTER:

DEPARTMENT OF THE ENVIRONMENT
NEW BRUNSWICK

DATA SET IDENTIFIER: 281

582

TITLE: AMBIENT AIR QUALITY AND METEOROLOGY, SAINT JOHN, NEW BRUNSWICK (1974 TO PRESENT).

PARAMETERS: OZONE, SULFATE, SULFATION RATE, CARBON MONOXIDE, NITROGEN DIOXIDE, SULFUR DIOXIDE, PARTICULATE MATTER, VEGETATION COVER, WIND SPEED, WIND DIRECTION, RELATIVE HUMIDITY, PRECIPITATION, STANDARD SURFACE METEOROLOGY, SOILING INDEX

PERIOD OF OBSERVATION: 7 YEARS

Start: FEB 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: SAINT JOHN CITY AREA ; 26 LOCATIONS NEW BRUNSWICK, CANADA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS, PUNCHED CARDS

VOLUME: ONE VOLUME PUBLISHED PER MONTH

REMARKS: PARAMETERS MEASURED VARY FROM STATION TO STATION.

HOLDING CENTER:

DEPARTMENT OF THE ENVIRONMENT
NEW BRUNSWICK

DATA SET IDENTIFIER: 488

583

TITLE: TOWER WIND AND TEMPERATURE DATA, JARVIS, ONTARIO, CANADA (1976 TO PRESENT).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION

PERIOD OF OBSERVATION: 5 YEARS

Start: JAN 1976

End: CONTINUOUS

GEOGRAPHICAL AREA: TOWER AT JARVIS, ONTARIO

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS
VOLUME: MONTHLY PUBLICATIONS
REMARKS: WIND AND TEMPERATURE SENSORS AT DIFFERENT LEVELS UP TO 100M
HOLDING CENTER:
ONTARIO HYDROELECTRIC GENERATING CO.
700 UNIVERSITY AVENUE
DATA SET IDENTIFIER: 308

584

TITLE: SURFACE WINDS AT SEVEN ONTARIO ELECTRIC GENERATING STATIONS (1972 TO PRESENT).
PARAMETERS: WIND SPEED, WIND DIRECTION
PERIOD OF OBSERVATION: 9 YEARS
Start: JAN 1972
End: CONTINUOUS
GEOGRAPHICAL AREA: ONTARIO HYDROELECTRIC STATIONS (SEE REMARKS)
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS
VOLUME: MONTHLY TABULATION-ORGANIZED BY STATION
REMARKS: STATIONS AT LAMBTON, THUNDER BAY, NANTICOKE, LAKEVIEW, R.L. HEARN, KEITH, AND LENOX
HOLDING CENTER:
ONTARIO HYDROELECTRIC GENERATING CO.
700 UNIVERSITY AVENUE
DATA SET IDENTIFIER: 401

585

TITLE: WIND AND TEMPERATURE DATA FROM 20 METEOROLOGICAL TOWERS, ONTARIO, CANADA (1971-PRESENT)
PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION
PERIOD OF OBSERVATION: 10 YEARS
Start: JAN 1971
End: CONTINUOUS
GEOGRAPHICAL AREA: 20-25 STATIONS IN ONTARIO, CANADA; VARIOUS HEIGHTS AND PERIODS OF RECORD.
DATA TYPE: DERIVED DATA
Organization: NETWORK
MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: RAW DATA, ORGANIZED ACCORDING TO STATION. 10 STATIONS HAVE TELEMETERED INSTRUMENTS WHICH PRODUCE MAGNETIC TAPE AND TABLES. REMAINDER TABLES ONLY.
HOLDING CENTER:
ONTARIO MINISTRY OF THE ENVIRONMENT
AIR RESOURCES BRANCH
DATA SET IDENTIFIER: 402

586

TITLE: SURFACE POLLUTION DATA FROM THE CANADIAN NATIONAL AIR POLLUTION SURVEILLANCE DATA (NAPS) NETWORK (1970 TO PRESENT)
PARAMETERS: OZONE, LEAD, SULFATION RATE, CARBON MONOXIDE, NITROGE DIOXIDE, ATMOSPHERE SULFUR DIOXIDE, ATMOSPHERE SULFUR DIOXIDE, ATMOSPHERE PARTICULATE MATTER, ATMOSPHERE PARTICULATE MATTER, AIR POLLUTION STUDIES, SOILING INDEX, DUST FALL (ACCUMULATION)
PERIOD OF OBSERVATION: 11 YEARS
Start: JAN 1970
End: CONTINUOUS
GEOGRAPHICAL AREA: ALL OF CANADA, 53 CITIES BY DECEMBER, 1977
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: 1 TAPE/YEAR
REMARKS: NONE
HOLDING CENTER:
AIR POLLUTION CONTROL DIRECTORATE, EPS
ENVIRONMENT CANADA
DATA SET IDENTIFIER: 493

587

TITLE: DAILY 10.7 CM SOLAR FLUX, HERTZBURG INSTITUTE FOR ASTRONOMY; OTTAWA, CANADA (1947 TO PRESENT)
PARAMETERS: INCIDENT RADIATION
PERIOD OF OBSERVATION: 34 YEARS
Start: JAN 1947
End: CONTINUOUS
GEOGRAPHICAL AREA: HERTZBURG INSTITUTE FOR ASTRONOMY ; OTTAWA, CANADA
DATA TYPE: OBSERVED DATA
Organization: POINT
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, STRIP CHART
VOLUME: UNKNOWN
REMARKS: TIME SERIES
HOLDING CENTER:
HERTZBURG INSTITUTE FOR ASTRONOMY
NATIONAL RESEARCH COUNCIL OF CANADA
DATA SET IDENTIFIER: 307

588

TITLE: WAVE HEIGHTS, SATELLITE RADAR ALTIMETER, 72S TO 72N (JULY TO OCTOBER 1978)
PARAMETERS: WAVE AMPLITUDE, SATELLITE IMAGERY
PERIOD OF OBSERVATION: 0 YEARS
Start: JUL 1978
End: OCT 1978
GEOGRAPHICAL AREA: GLOBAL 72S-72N.

DATA TYPE: DERIVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: EACH CCT TAPE CONTAINS A FULL DAY OF ALTIMETER DATA.

REMARKS: SPACECRAFT ALTITUDE OVER OCEAN (+) OR (-) 10 CM. DATA ACCURACY QUESTIONABLE WITHIN 5 KM OF LAND OR ICE. REFERENCES: (1) NOAA PDP FOR SEASAT-A RESEARCH AND APPLICATION, NESS MARCH, 1977. (2) SEASAT GULF OF ALASKA WORKSHOP REPORT, PRELIMINARY DRAFT, JET PROPULSION LABORATORY, FEBRUARY, 1979.

HOLDING CENTER:

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 407

589

TITLE: TIROS-N (SATELLITE) OPERATIONAL VERTICAL SOUNDER (TOVS) DATA, GLOBAL (1979 TO PRESENT).

PARAMETERS: SATELLITE IMAGERY, REFLECTED VISIBLE RADIATION, EMITTED RADIATION

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1979

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 2.5 BILLION BITS/MONTH

REMARKS: REFERENCES: 1. NOAA POLAR ORBITER DATA USERS GUIDE, NCC/SDSD APRIL 1979; PRELIM RELEASE JAN. 1979. 2. TIROS-N/NOAA A-G SATELLITE SERIES NOAA TM NESS 95, MARCH 1978.

HOLDING CENTER:

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 489

590

TITLE: TIROS-N SATELLITE ADVANCED VERY HIGH RESOLUTION RADIOMETER DATA(AVHRR).GLOBAL COVERAGE IN 4 CHANNELS (1979 TO PRESENT).

PARAMETERS: VISIBLE RADIATION, SATELLITE IMAGERY, INFRARED RADIATION

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1979

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL AT NOMINAL 4 KM RESOLUTION-LIMITED COVERAGE AT 1 KM RESOLUTION

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1.6 BILLION BITS/MONTH

REMARKS: ORIGINAL UNPROCESSED DATA PLUS LOCATION AND CALIBRATION INFORMATION.REFERENCE:1.NOAA POLAR ORBITER DATA USER'S GUIDE, NCC/SDSD APRIL 1979 (PRELIM RELEASE JAN 1979).2 TIROS-NOAA A-G SATELLITE SERIES NOAA TM NESS 95, MARCH 1978

HOLDING CENTER:

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 325

591

TITLE: MONTHLY MEAN SHORTWAVE AND LONGWAVE RADIATION FLUXES OVER THE GLOBE FROM SATELLITES (1974 TO 1978).

PARAMETERS: SATELLITE IMAGERY, INFRARED RADIATION, NET RADIATION, ABSORBED SOLAR ENERGY, NET IR RADIATION, EMITTED RADIATION, ALBEDO

PERIOD OF OBSERVATION: 4 YEARS

Start: JUN 1974

End: MAR 1978

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: MEAN - MONTHLY

Organization: GRID

MEDIA: CHARTS/MAPS, FILM/MOVIE, MICROFILM, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 3 TAPES, 2 VOLUME ATLAS

REMARKS: REFERENCE: A. GRUBER AND J.S. WINSTON, EARTH-ATMOSPHERE RADIATIVE HEATING BASED ON NOAA SCANNING RADIOMETER MEASUREMENTS. BULL. AMS, VOL. 59, NO. 12, DEC., 1978.

HOLDING CENTER:

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 414

592

TITLE: DAILY GLOBAL SHORTWAVE AND LONGWAVE RADIATION FLUXES.NOAA OPERATIONAL SATELLITES (1974 TO 1978).

PARAMETERS: SATELLITE IMAGERY, INFRARED RADIATION, ABSORBED SOLAR ENERGY, AVAILABLE SOLAR ENERGY

PERIOD OF OBSERVATION: 4 YEARS

Start: JUN 1974

End: MAR 1978

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 16 TAPES, 9TK, 1600 BPI

REMARKS: REFERENCE: A. GRUBER AND J.S. WINSTON,
EARTH-ATMOSPHERE RADIATIVE HEATING BASED ON
NOAA SCANNING RADIOMETER MEASUREMENTS, BULL,
A.M.S., VOL.59, NO.12, DEC.1978

HOLDING CENTER:

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 338

593

TITLE: SEASONAL MEAN SHORTWAVE AND LONGWAVE
RADIATION FLUXES OVER THE GLOBE, FROM NOAA
OPERATIONAL SATELLITES (1974 TO 1978).

PARAMETERS: SATELLITE IMAGERY, INFRARED RADIATION,
ABSORBED SOLAR ENERGY, AVAILABLE SOLAR
ENERGY

PERIOD OF OBSERVATION: 4 YEARS

Start: JUN 1974

End: MAR 1978

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 16 TAPES, 9TK, 1600 BPI

REMARKS: ANNUAL MEANS ALSO AVAILABLE

HOLDING CENTER:

NATIONAL EARTH SATELLITE SERVICE
U.S.NATIONAL OCEANIC & ATMOSPHERIC ADMIN

DATA SET IDENTIFIER: 339

594

TITLE: GLOBAL RADIANCE MEASUREMENTS FROM
SEVERAL SATELLITES (1969 TO PRESENT).

PARAMETERS: SATELLITE IMAGERY, INCIDENT RADIATION

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL COVERAGE

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: DATA USE OVER SEVERAL YEARS SPAN
REQUIRES KNOWLEDGE OF INSTRUMENTAL RESPONSE
CHANGES.

HOLDING CENTER:

SATELLITE DATA SERVICE DIVISION D56
U.S.NATIONAL CLIMATIC CENTER, NOAA

DATA SET IDENTIFIER: 411

595

TITLE: DERIVED SOLAR RADIATION, NORTHERN
HEMISPHERE GRID (1974-PRESENT)

PARAMETERS: GLOBAL SOLAR RADIATION

PERIOD OF OBSERVATION: 7 YEARS

Start: JAN 1974

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 608

596

TITLE: HEAT EXCHANGE AND SOLAR RADIATION BALANCE,
NORTHERN HEMISPHERE GRID (1965 TO PRESENT).

PARAMETERS: ABSORBED SOLAR ENERGY, NET IR RADIATION,
HEAT FLUX

PERIOD OF OBSERVATION: 16 YEARS

Start: JAN 1965

End: CONTINUOUS

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 63 X 63 GRID, 381 KM RESOLUTION.

HOLDING CENTER:

FLEET OCEANOGRAPHIC CENTER
U.S.NAVAL POST GRADUATE SCHOOL

DATA SET IDENTIFIER: 702

597

TITLE: TOTAL AND VERTICAL DISTRIBUTION OZONE DATA
(FROM NIMBUS-4), GLOBAL (1970 TO 1971).

PARAMETERS: OZONE

PERIOD OF OBSERVATION: 1 YEAR

Start: APR 1970

End: MAR 1971

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: TRACKLINE

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 20 TAPES

REMARKS: A SET OF RAW RADIANCE DATA (20 TAPES) IS
ALSO AVAILABLE

HOLDING CENTER:

NATIONAL SPACE SCIENCE DATA CENTER
U.S.NATIONAL AERONAUTICS AND SPACE ADMIN

DATA SET IDENTIFIER: 426

598

TITLE: SURFACE WEATHER OBSERVATIONS AT 4 GEOPHYSICAL MONITORING FOR CLIMATIC CHANGE (GMCC) SITES: POINT BARROW, MAUNA LOA, SAMOA AND THE SOUTH POLE (1977).

PARAMETERS: LAND TEMPERATURE, ATMOSPHERE TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, DEW POINT, STANDARD SURFACE METEOROLOGY

PERIOD OF OBSERVATION: 1 YEAR

Start: JAN 1977

End: DEC 1977

GEOGRAPHICAL AREA: POINT BARROW, MAUNA LOA, SAMOA, SOUTH POLE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE

REMARKS: NONE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 394

599

TITLE: NORMAL INCIDENCE SOLAR RADIATION AT 4 GEOPHYSICAL MONITORING FOR CLIMATIC CHANGE (GMCC) SITES: POINT BARROW, MAUNA LOA, SAMOA AND THE SOUTH POLE (1977).

PARAMETERS: INCIDENT RADIATION

PERIOD OF OBSERVATION: 1 YEAR

Start: JAN 1977

End: DEC 1977

GEOGRAPHICAL AREA: 4 GMCC OBSERVATORIES- SOUTH POLE, POINT BARROW, MAUNA LOA, SAMOA

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE

REMARKS: NONE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 395

600

TITLE: GLOBAL AND NORMAL INCIDENCE SOLAR RADIATION DATA IN SPECTRAL BANDS FROM THE GEOPHYSICAL MONITORING FOR CLIMATIC CHANGE (GMCC) NETWORK (1976 TO 1978).

PARAMETERS: INCIDENT RADIATION, GLOBAL SOLAR RADIATION, DIRECT SOLAR RADIATION, SOLAR RADIATION

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1976

End: JUN 1978

GEOGRAPHICAL AREA: MAUNA LOA, HAWAII;PT. BARROW, ALASKA;S. POLE;PAGO PAGO, AMERICAN SAMOA.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 10 TAPES. GLOBAL AND NORMAL INCIDENCE DATA ON SEPARATE TAPES.

REMARKS: SOME DATA VARIATION DUE TO FILTER INHOMOGENEITY, OTHER OCCASIONAL PROBLEMS FROM OBSTRUCTIONS AND ELECTRICAL GROUNDINGS.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 408

601

TITLE: GLOBAL SOLAR RADIATION DATA IN 5 SPECTRAL BANDS AT THE GEOPHYSICAL MONITORING FOR CLIMATIC CHANGE (GMCC) SOUTH POLE OBSERVATORY (1976 TO 1977).

PARAMETERS: INCIDENT RADIATION, GLOBAL RADIATION

PERIOD OF OBSERVATION: 2 YEARS

Start: JAN 1976

End: DEC 1977

GEOGRAPHICAL AREA: SOUTH POLE, 90S, 2847 M.

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE

REMARKS: NONE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER

ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 335

602

TITLE: AITKEN NUCLEI, GMCC(GEOPHYSICAL MONITORING FOR CLIMATIC CHANGE)AT POINT BARROW, AK; MAUNA LOA, HI;SOUTH POLE (1974 TO 1976).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, CLOUD COVER, CONDENSATION NUCLEI

PERIOD OF OBSERVATION: 3 YEARS

Start: JAN 1974

End: DEC 1976

GEOGRAPHICAL AREA: POINT BARROW, ALASKA; MAUNA LOA, HAWAII, AND SOUTH POLE GMCC OBSERVATORIES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE (GMCC DATA: DECK 9708, NAME GPOL01)

REMARKS: NONE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 393

603

TITLE: GLOBAL SOLAR RADIATION IN 5 SPECTRAL BANDS
AT THE GEOPHYSICAL MONITORING FOR CLIMATIC
CHANGE (GMCC) MAUNA LOA OBSERVATORY (1976 TO
1978).

PARAMETERS: INCIDENT RADIATION

PERIOD OF OBSERVATION: 3 YEARS

Start: JAN 1976

End: DEC 1978

GEOGRAPHICAL AREA: MAUNA LOA, HAWAII

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 31 TAPES

REMARKS: NONE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 322

604

TITLE: GLOBAL SOLAR RADIATION IN 5 SPECTRAL BANDS
AT THE GEOPHYSICAL MONITORING FOR CLIMATIC
CHANGE (GMCC) SAMOA OBSERVATORY (1976 TO
1978).

PARAMETERS: INCIDENT RADIATION

PERIOD OF OBSERVATION: 3 YEARS

Start: JAN 1976

End: DEC 1978

GEOGRAPHICAL AREA: SAMOA OBSERVATORY, PAGO
PAGO, AMERICA SAMOA

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 3TAPES

REMARKS: NONE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 321

605

TITLE: SOLAR RADIATION DATA FROM THE 38 STATION
NOAA SOLAR RADIATION NETWORK (1977 TO PRE-
SENT).

PARAMETERS: GLOBAL SOLAR RADIATION, DIRECT SOLAR
RADIATION, DIFFUSE SOLAR RADIATION, SOLAR
RADIATION

PERIOD OF OBSERVATION: 4 YEARS

Start: JAN 1977

End: CONTINUOUS

GEOGRAPHICAL AREA: CONTIGUOUS UNITED STATES (34
SITES), ALASKA, GUAM, HONOLULU, AND SAN JUAN.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, MAGNETIC TAPE, DIGITAL STAND-
ARD 1/2 INCH

VOLUME: MONTHLY PUBLICATION; 1 TAPE PER MONTH (9
TK, 1600BPI)

REMARKS: ALL SENSORS ARE CALIBRATED AP-
PROXIMATELY ANNUALLY AT NOAA'S SOLAR RADIA-
TION FACILITY IN BOULDER, CO. DATA ARE QUALITY
CHECKED AND ASSIGNED QUALITY FLAGS. AVAILABLE
WITH COLLATERAL MET. DATA. DATA BACKLOG AP-
PROXIMATELY ONE YEAR.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 466

606

TITLE: GEOPHYSICAL MONITORING FOR CLIMATIC
CHANGE(GMCC)-TURBIDITY AT BACKGROUND SITES IN
CANADA (1973 TO PRESENT).

PARAMETERS: TURBIDITY

PERIOD OF OBSERVATION: 8 YEARS

Start: JUL 1973

End: CONTINUOUS

GEOGRAPHICAL AREA: WMO BACKGROUND, AIR POLLU-
TION STATION NETWORK IN CANADA.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS, MAGNETIC TAPE, DIGITAL STAND-
ARD 1/2 INCH, MACHINE PRINTED HARD COPY

VOLUME: 4000 CARDS (AES); ANNUAL PUB. BY NCC

REMARKS: DATA PUBLISHED ANNUALLY BY NCC/NOAA.
ARCHIVED AT NCC ON MAGNETIC TAPE, AT AES ON
PUNCH CARDS.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 410

607

TITLE: REHABILITATED HOURLY (SOLMET) AND DAILY
(SOLDAY) SOLAR RADIATION DATA FROM 26 OBSER-
VING STATIONS IN THE U.S., (1952 TO 1976).

PARAMETERS: INCIDENT RADIATION, ATMOSPHERE
GLOBAL RADIATION, ATMOSPHERE GLOBAL RADIATION

PERIOD OF OBSERVATION: 25 YEARS

Start: JAN 1952

End: DEC 1976

GEOGRAPHICAL AREA: THE CONTIGUOUS UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 9 TK TAPES: SOLMET-248, SOLDAY-1, DERIVED SETS-29 TAPES.

REMARKS: SOLMET AND SOLDAY SETS CONTAIN OBSERVED, EDITED, MODELED GLOBAL SOLAR RADIATION. QUALITY CONTROL COMPARISONS WERE MADE WITH EXTRATERRESTRIAL RAD. VALUES AND CLOUD-SUNSHINE MODELS. ACCURACY GOOD APPROXIMATELY TO 5 PERCENT. VARIOUS DERIVED AUXILIARY DATA SETS.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 381

608

TITLE: U.S. SOLAR RADIATION MEASUREMENTS (1903 TO 1976).

PARAMETERS: NET RADIATION, ATMOSPHERE GLOBAL SOLAR RADIATION, ATMOSPHERE GLOBAL SOLAR RADIATION, DIRECT SOLAR RADIATION, GLOBAL RADIATION, SOLAR UV FLUX

PERIOD OF OBSERVATION: 74 YEARS

Start: MAR 1903

End: DEC 1976

GEOGRAPHICAL AREA: THE CONTIGUOUS UNITED STATES, A FEW OVERSEAS SITES. MAXIMUM 90 LOCATIONS

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: CHARTS/MAPS, LOG SHEETS/TABULATION FORMS/CODING FORMS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, MACHINE PRINTED HARD COPY

VOLUME: GLOBAL DAILY, 5 9TK TAPES; HOURLY 10 9TK TAPES; AND MONTHLY PUBLICATIONS.

REMARKS: DAILY GLOBAL, NI, UV, NET EXCHANGE PUBLISHED IN MONTHLY WEATHER REVIEW: 1914 TO 1949. CLIMATOLOGICAL DATA NATIONAL SUMMARY 1950-1972, 1975-1976 GLOBAL MONTHLY AVERAGES IN LOCAL CLIMATOLOGICAL DATA BY STATION FOR 1963 TO 1971.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 491

609

TITLE: MONTHLY GRIDDED AVERAGE TOTAL OZONE DATA, GLOBAL (1957 TO 1970).

PARAMETERS: OZONE

PERIOD OF OBSERVATION: 14 YEARS

Start: MAY 1957

End: DEC 1970

GEOGRAPHICAL AREA: GLOBAL GRID 10 LAT. X 10 LONG.

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 404

610

TITLE: DAILY TOTAL OZONE DATA, GLOBAL NETWORK (1932 TO PRESENT).

PARAMETERS: OZONE

PERIOD OF OBSERVATION: 41 YEARS

Start: JAN 1932

End: DEC 1972

GEOGRAPHICAL AREA: GLOBAL OZONE NETWORK: 20 STATIONS, 1957; 80 STATIONS, 1972.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: INCLUDES ALL DATA THAT COULD BE LOCATED AND CLEANED UP.

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 403

611

TITLE: SOLAR RADIATION DATA IN 5 SPECTRAL BANDS AT POINT BARROW, ALASKA (1976-1978)

PARAMETERS: INCIDENT RADIATION

PERIOD OF OBSERVATION: 3 YEARS

Start: JAN 1976

End: DEC 1978

GEOGRAPHICAL AREA: POINT BARROW OBSERVATORY, ALASKA

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 3 TAPES

REMARKS: NONE

HOLDING CENTER:

GEOPHYSICAL MONITORING FOR CLIMATE CHNG
ENVIRONMENTAL RESEARCH LAB, R 329, NOAA

DATA SET IDENTIFIER: 323

612

TITLE: OZONE-TEMPERATURE DATA SURFACE TO 60KM, NORTH AMERICA (1970-1977)

PARAMETERS: OZONE, TEMPERATURE

PERIOD OF OBSERVATION: 8 YEARS

Start: JAN 1970

End: DEC 1977

GEOGRAPHICAL AREA: WHITE SANDS MR, NM; WALLOPS IS, VA; POKER FLAT, AK; PANAMA CANAL ZONE.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

ATMOSPHERIC SCIENCES LABORATORY
U.S.ARMY ELECTRONICS COMMAND

DATA SET IDENTIFIER: 551

613

TITLE: HOURLY, DAILY, MONTHLY SOLAR RADIATION DATA, AFRICA (1955-1973)

PARAMETERS: GLOBAL SOLAR RADIATION, DIFFUSE SOLAR RADIATION

PERIOD OF OBSERVATION: 19 YEARS

Start: JAN 1955

End: DEC 1973

GEOGRAPHICAL AREA: AFRICA

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: 380 VOLUMES

REMARKS: QUARTERLY RADIATION BULLETIN AND ANNUAL RADIATION REPORT (AFRICA) STATION LIST AND SUPPLEMENTARY DATA.

HOLDING CENTER:

ATMOSPHERIC SCIENCES LABORATORY
U.S.ARMY ELECTRONICS COMMAND

DATA SET IDENTIFIER: 552

614

TITLE: ATMOSPHERIC DUST RESTRICTION TO VISIBILITY, GLOBAL (1955 TO 1974).

PARAMETERS: PARTICULATE MATTER, VISIBILITY

PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1955

End: DEC 1974

GEOGRAPHICAL AREA: GLOBAL

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

VOLUME: 4 REPORTS

REMARKS: DATA BASED ON 3-HOURLY SURFACE WEATHER REPORTS FROM 650 WORLDWIDE STATIONS.

HOLDING CENTER:

ATMOSPHERIC SCIENCES LABORATORY
U.S.ARMY ELECTRONICS COMMAND

DATA SET IDENTIFIER: 582

615

TITLE: TOWER TEMPERATURE AND WIND PROFILE DATA AND RADIATION AT PLATEAU STATION, ANTARCTICA (1966-1968)

PARAMETERS: ICE TEMPERATURE, ATMOSPHERE TEMPERATURE, WIND SPEED, WIND DIRECTION, STANDARD SURFACE METEOROLOGY, GLOBAL SOLAR RADIATION, GLOBAL IR RADIATION, DIRECT SOLAR RADIATION, REFLECTED SOLAR RADIATION, EMITTED RADIATION, SOLAR RADIATION, UV RADIATION

PERIOD OF OBSERVATION: 3 YEARS

Start: JAN 1966

End: DEC 1968

GEOGRAPHICAL AREA: PLATEAU STATION, ANTARCTICA, 79-15S, 40-30E, 3625M.

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUBLICATION, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: TEMP AT -10, -2, -1, -.5, -.25, -.125, 0, .25, .5, 1, 2, 4, 8, 12, 16, 20, 24, AND 32M. WIND FROM .5M TO 32M. DATA ANALYSIS PUBLISHED IN ANTARCTIC RESEARCH SERIES, VOL.25, "METEOROLOGICAL STUDIES AT PLATEAU STATION, ANTARCTICA, " AMERICAN GEOPHYSICAL UNION, WASHINGTON D.C. 1977.

HOLDING CENTER:

U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 583

616

TITLE: HOURLY SURFACE METEOROLOGICAL DATA (INCLUDING OZONE AND RADIATION DATA), FT.WAINWRIGHT, ALASKA (1962 TO 1971).

PARAMETERS: OZONE, ATMOSPHERE TEMPERATURE, ICE TEMPERATURE, LAND TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, PRECIPITATION, STANDARD SURFACE METEOROLOGY, GLOBAL SOLAR RADIATION

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1962

End: DEC 1971

GEOGRAPHICAL AREA: FORT WAINWRIGHT, ALASKA

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: DAILY AND MONTHLY MEANS, SUMMARIES ALSO AVAILABLE.

HOLDING CENTER:

U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 563

617

TITLE: HOURLY SURFACE METEOROLOGICAL DATA (INCLUDING OZONE AND RADIATION DATA), PANAMA CANAL ZONE (1970 TO PRESENT).

PARAMETERS: OZONE, ATMOSPHERE TEMPERATURE, LAND TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, PRECIPITATION, STANDARD SURFACE METEOROLOGY, GLOBAL SOLAR RADIATION

PERIOD OF OBSERVATION: 11 YEARS

Start: JAN 1970

End: CONTINUOUS

GEOGRAPHICAL AREA: PANAMA CANAL ZONE (TROPICAL TEST CENTER SITES).

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: DAILY AND MONTHLY MEANS, SUMMARIES ALSO AVAILABLE.

HOLDING CENTER:
U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 562

618

TITLE: HOURLY SURFACE METEOROLOGICAL DATA (INCLUDING OZONE AND RADIATION), EDGEWOOD ARSENAL, MARYLAND (1969 TO PRESENT).

PARAMETERS: OZONE, ATMOSPHERE TEMPERATURE, ICE TEMPERATURE, LAND TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, PRECIPITATION, STANDARD SURFACE METEOROLOGY, GLOBAL SOLAR RADIATION

PERIOD OF OBSERVATION: 12 YEARS

Start: JAN 1969

End: CONTINUOUS

GEOGRAPHICAL AREA: EDGEWOOD ARSENAL, MARYLAND

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: DAILY AND MONTHLY MEANS, SUMMARIES ALSO AVAILABLE.

HOLDING CENTER:
U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 564

619

TITLE: HOURLY SURFACE METEOROLOGICAL DATA (INCLUDING OZONE AND RADIATION), YUMA, ARIZONA (1961-PRESENT)

PARAMETERS: OZONE, ATMOSPHERE TEMPERATURE, LAND TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, PRECIPITATION, STANDARD SURFACE METEOROLOGY, GLOBAL SOLAR RADIATION

PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1961

End: CONTINUOUS

GEOGRAPHICAL AREA: YUMA PROVING GROUND, ARIZONA

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: MACHINE PRINTED HARD COPY

VOLUME: UNKNOWN

REMARKS: DAILY AND MONTHLY MEANS AND/OR SUMMARIES ALSO AVAILABLE.

HOLDING CENTER:
U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 558

620

TITLE: HOURLY SURFACE METEOROLOGICAL DATA (INCLUDING OZONE AND RADIATION), FT.GREELEY, COLORADO (1961 TO PRESENT).

PARAMETERS: OZONE, ATMOSPHERE TEMPERATURE, ICE TEMPERATURE, LAND TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, PRECIPITATION, STANDARD SURFACE METEOROLOGY, GLOBAL SOLAR RADIATION

PERIOD OF OBSERVATION: 20 YEARS

Start: JAN 1961

End: CONTINUOUS

GEOGRAPHICAL AREA: FT GREELEY, COLORADO

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: DAILY AND MONTHLY MEANS AND/OR SUMMARIES ALSO AVAILABLE.

HOLDING CENTER:
U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 577

621

TITLE: HOURLY SURFACE METEOROLOGICAL DATA (INCLUDING OZONE AND RADIATION), MAYNARD, MASSACHUSETTS (1960 TO PRESENT).

PARAMETERS: OZONE, ATMOSPHERE TEMPERATURE, ICE TEMPERATURE, LAND TEMPERATURE, PRESSURE, WIND SPEED, WIND DIRECTION, PRECIPITATION, STANDARD SURFACE METEOROLOGY, GLOBAL SOLAR RADIATION

PERIOD OF OBSERVATION: 21 YEARS

Start: JAN 1960

End: CONTINUOUS

GEOGRAPHICAL AREA: MAYNARD, MASSACHUSETTS

DATA TYPE: OBSERVED DATA

Organization: POINT

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS
VOLUME: UNKNOWN
REMARKS: DAILY AND MONTHLY MEANS, SUMMARIES
ALSO AVAILABLE.

HOLDING CENTER:
U.S.ARMY ENGINEERS TOPOGRAPHIC LABS.
FT.BELVOIR, VA.22060

DATA SET IDENTIFIER: 565

HOLDING CENTER:
DEPARTMENT OF ATMOSPHERIC SCIENCES
COLORADO STATE UNIVERSITY
DATA SET IDENTIFIER: 535

622

TITLE: CO2 MEASUREMENTS AT MAUNA LOA, HAWAII (1958
TO 1979).

PARAMETERS: CARBON DIOXIDE, STANDARD SURFACE
METEOROLOGY

PERIOD OF OBSERVATION: 22 YEARS

Start: JAN 1958

End: DEC 1979

GEOGRAPHICAL AREA: MAUNA LOA OBSERVATORY, HAWAII

DATA TYPE: DERIVED DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: REFERENCES: SEE C.D. KEELING, R.B.
BACASTOW, A.E. BAINBRIDGE, C.A. EKDAHL, P.R.
GUENTHER, L.S. WATERMAN AND J.F.S. CHIN. "AT-
MOSPHERIC CARBON DIOXIDE VARIATIONS AT MAUNA
LOA OBSERVATORY, HAWAII", TELLUS 28, NO. 6 PP.538-
551

HOLDING CENTER:
SCRIPPS INSTITUTE OF OCEANOGRAPHY
NORPAX A-030

DATA SET IDENTIFIER: 380

623

TITLE: GLOBAL HEAT BUDGET DATA FROM GRIDDED
SATELLITE IR IMAGERY, (1964 TO 1970).

PARAMETERS: SATELLITE IMAGERY, INFRARED RADIA-
TION, NET RADIATION, ALBEDO

PERIOD OF OBSERVATION: 6 YEARS

Start: JUL 1964

End: JAN 1970

GEOGRAPHICAL AREA: GLOBAL

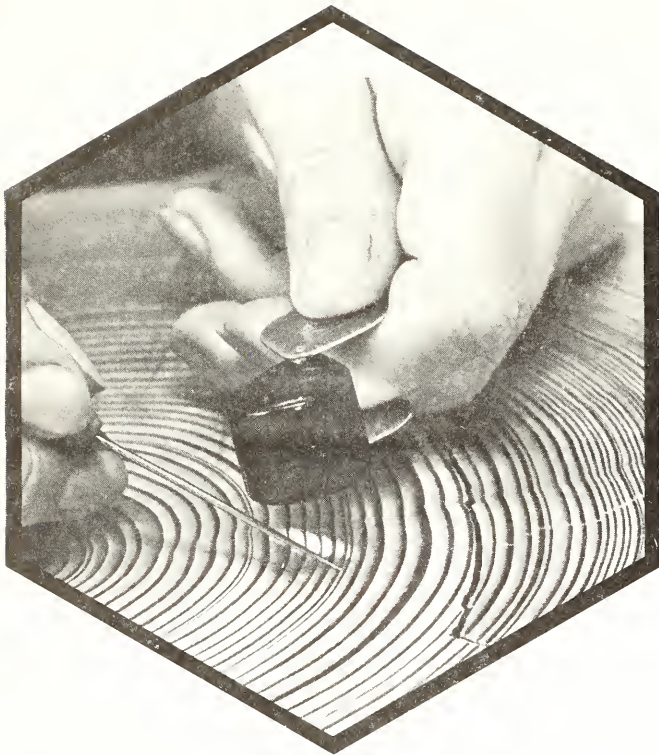
DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: CHARTS/MAPS, MAGNETIC TAPE, DIGITAL STAN-
DARD 1/2 INCH

VOLUME: TAPE, ATLAS

REMARKS: REFERENCE: VONDER HAAR, THOMAS H., AND
JAMES S. ELLIS, 1974: "ATLAS OF RADIATION BUDGET
MEASUREMENTS FROM SATELLITES (1962-1970)." AT-
MOSPHERIC SCIENCES PAPER NO. 231, DEPARTMENT
OF ATMOSPHERIC SCIENCES, COLORADO STATE UN-
IVERSITY, FT. COLLINS, COLO., 180 PP AND MICROFILM.



5

Proxy and Non-Instrumental Data Resources

624

TITLE: HISTORICAL SEA ICE DATA-HUDSON STRAIT (1750-1870)

PARAMETERS: ICE COVER, PRECIPITATION, SNOWFALL

PERIOD OF OBSERVATION: 120 YEARS

Start: 1750

End: DEC 1976

GEOGRAPHICAL AREA: HUDSON STRAIT

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: LOG SHEETS/TABULATION FORMS/CODING FORMS

VOLUME: 40 SETS OF TABULATIONS

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 314

625

TITLE: HUDSON'S BAY COMPANY, HISTORICAL DATA; FREEZE, THAW, FROST DATES (1715-1920)

PARAMETERS: DATE OF GROUND FREEZE, DATE OF GROUND THAW, DATE OF FIRST SNOWFALL, FREEZE DATA

PERIOD OF OBSERVATION: 205 YEARS

Start: 1715

End: DEC 1920

GEOGRAPHICAL AREA: HUDSON BAY AND ESTUARIES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: CHARTS/MAPS

VOLUME: 40 SETS OF TABLES

REMARKS: NONE

HOLDING CENTER:

CANADIAN CLIMATE CENTER

ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 382

626

TITLE: SIGNIFICANT WEATHER OCCURRENCES IN CANADA, NOTES AND DAIRIES (1534-1900)

PARAMETERS: WEATHER

PERIOD OF OBSERVATION: 366 YEARS

Start: 1534

End: DEC 1900

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: UNKNOWN STATUS

MEDIA: PUBLICATION

VOLUME: UNKNOWN

REMARKS: JOURNALS AND RECORDS OF EXPLORERS AND TRADERS

HOLDING CENTER:

CANADIAN PRAIRIE WEATHER CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 312

627

TITLE: PROXY TEMPERATURE AND ICE DATA FROM ARCTIC ICE CORES (100, 000 YEARS).

PARAMETERS: NITRATE (NO3), NITRITE (NO2), CARBON DIOXIDE, TEMPERATURE, LIGHT ATTENUATION (TRANSMISSIVITY)

PERIOD OF OBSERVATION: 100, 000 YEARS

Start: UNKNOWN

End: DEC 1975

GEOGRAPHICAL AREA: ARCTIC CANADA, DEVRON, ELLESMERE, AND MIEGHEN ISLAND ICE CAPS

DATA TYPE: PROXY DATA

Organization: NETWORK

MEDIA: PUNCHED CARDS, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH, FLEXIBLE DISKS

VOLUME: ABOUT 20, 000 TO 30, 000 DATA POINTS IN ALL

REMARKS: TEMPERATURES ESTIMATED FROM CO2 IN TRAPPED AIR BUBBLES. DATA ALSO INCLUDES APPROXIMATIONS OF SOLAR ACTIVITY, AIR CHEMISTRY AND VOLCANIC LAYERS.

HOLDING CENTER:

POLAR CONTINENTAL SHELF PROJECT

CANADA DEPT.OF ENERGY, MINES & RESOURCES

DATA SET IDENTIFIER: 313

628

TITLE: WHITE SPRUCE TREE RING DATE DATA-HAINES JUNCTION NORDE WEST TERRITORY, CANADA (1840-1975)

PARAMETERS: TREE RING DATA

PERIOD OF OBSERVATION: 136 YEARS

Start: JAN 1840

End: DEC 1975

GEOGRAPHICAL AREA: HAINES JUNCTION, N.W.TERRITORY, CANADA

DATA TYPE: PROXY DATA

Organization: POINT

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: DATA FROM 12 TREES

HOLDING CENTER:

FORINTEK CANADA CORPORATION

WESTERN FOREST PRODUCTS LABORATORY

DATA SET IDENTIFIER: 340

629

TITLE: PROXY CLIMATE DATA (LAKE SEDIMENTS, TREE RINGS) FOR CANADA (15,000 YRS)

PARAMETERS: CLIMATE

PERIOD OF OBSERVATION: 15000 YEARS

Start: UNKNOWN

End: DEC 1975

GEOGRAPHICAL AREA: CANADA

DATA TYPE: PROXY DATA

Organization: NETWORK

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: CLIMATOLOGICAL CONDITIONS INFERRED FROM POLLEN, GEOLOGICAL CHARACTERISTICS OF SEDIMENTS AND TREE RINGS.

HOLDING CENTER:

DEPT. OF GEOLOGICAL SCIENCES
BROCK UNIVERSITY (ONTARIO)

DATA SET IDENTIFIER: 324

630

TITLE: DATES OF FREEZING AND THAWING OF RIVERS AND LAKES (1815-1970)

PARAMETERS: DATE OF GROUND FREEZE, DATE OF GROUND THAW

PERIOD OF OBSERVATION: 156 YEARS

Start: JAN 1815

End: DEC 1970

GEOGRAPHICAL AREA: 11 LAKES AND RIVERS WORLDWIDE

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 1 TAPE

REMARKS: THREE SITES IN N.E. UNITED STATES; ONE IN ALASKA AND SEVEN WORLDWIDE.

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 396

631

TITLE: LAKE AND RIVER LEVELS IN THE UNITED STATES (1807-1970)

PARAMETERS: WATER LEVEL

PERIOD OF OBSERVATION: 164 YEARS

Start: JAN 1807

End: DEC 1970

GEOGRAPHICAL AREA: LAKES AND RIVERS IN THE UNITED STATES

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION, MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 2 TAPES (800 BPI)

REMARKS: 100 U.S.SITES.DATA FOR 7 SITES OUTSIDE OF THE U.S. ALSO AVAILABLE

HOLDING CENTER:

NATIONAL CLIMATIC CENTER
ENVIRONMENTAL DATA & INFO.SERVICE, NOAA

DATA SET IDENTIFIER: 336

632

TITLE: NORTHERN HEMISPHERE DAILY SEA LEVEL PRESSURE GRIDS (1899-1939)

PARAMETERS: PRESSURE

PERIOD OF OBSERVATION: 41 YEARS

Start: JAN 1899

End: DEC 1939

GEOGRAPHICAL AREA: NORTHERN HEMISPHERE

DATA TYPE: DERIVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 3 MAGNETIC TAPES

REMARKS: DATA MISSING WHERE HISTORICAL MAPS COULD NOT BE ANALYSED. EASTERN RUSSIA MISSING FOR 1916-1920

HOLDING CENTER:

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000

DATA SET IDENTIFIER: 337

633

TITLE: TREE RING DATA FROM ABOUT 150 SITES IN WESTERN NORTH AMERICA (800 TO 1964).

PARAMETERS: TREE RING DATA

PERIOD OF OBSERVATION: 1160 YEARS

Start: PRE-1800

End: DEC 1964

GEOGRAPHICAL AREA: WESTERN NORTH AMERICA, ABOUT 150 SITES.

DATA TYPE: OBSERVED DATA

Organization: NETWORK

MEDIA: PUBLICATION

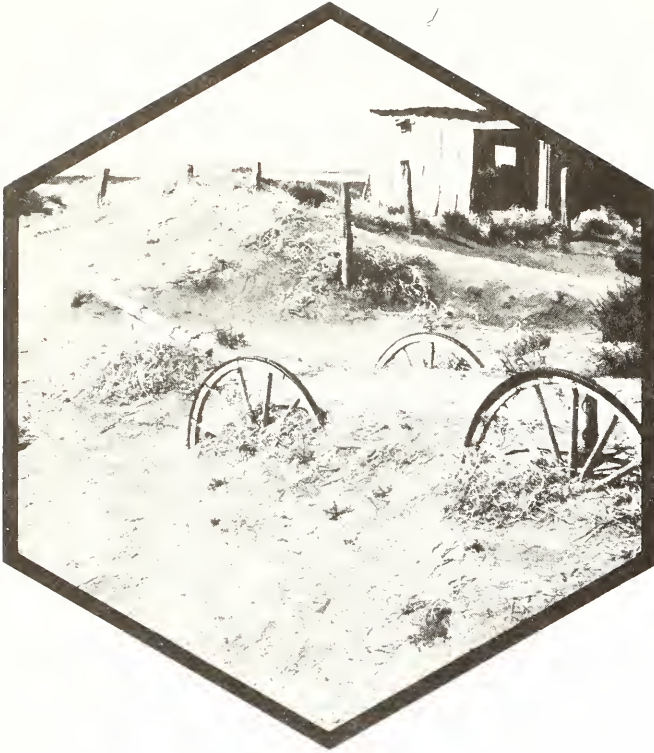
VOLUME: UNKNOWN

REMARKS: REFERENCE: M.A. STOKES, L.G. DREW, C.W. STOCKTON (EDITORS), 1973: "TREE RING CHRONOLOGIES OF WESTERN AMERICA." LABORATORY OF TREE-RING RESEARCH, UNIV.OF ARIZONA TUCSON, ARIZ.

HOLDING CENTER:

UNIVERSITY OF ARIZONA
ENVIRONMENTAL RESEARCH LABORATORY

DATA SET IDENTIFIER: 447



6 **Geographical, Land Use** **and Assessment Data**

634

TITLE: SURFACE COVER CHARACTERISTICS OF CANADA (1941 TO 1970).

PARAMETERS: TEMPERATURE, WIND SPEED, WIND DIRECTION, VAPOR PRESSURE, SNOW COVER, ALBEDO, LAND SURFACE COVER

PERIOD OF OBSERVATION: 30 YEARS

Start: JAN 1941

End: DEC 1970

GEOGRAPHICAL AREA: CANADA-WIDE, 100-KM SQUARE GRIDS

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: 2 MAGNETIC TAPES

REMARKS: DATA INCLUDES: PERCENT COVER OF WATER, SALT WATER, FOREST (9 TYPES), GRASSLAND, TUNDRA, BOG, PERMANENT ICE, AND ROCK.

HOLDING CENTER:

CANADIAN CLIMATE CENTER
ATMOSPHERIC ENVIRONMENT SERVICE

DATA SET IDENTIFIER: 590

635

TITLE: CANADIAN SOIL-CLIMATE DATA BASE (1941 TO 1970).

PARAMETERS: SOIL TYPE

PERIOD OF OBSERVATION: 30 YEARS

Start: JAN 1941

End: DEC 1970

GEOGRAPHICAL AREA: CANADA

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: 1800 GRID POINTS - CLIMATE DATA SUMMARIES AND SOIL TYPES FOR EACH.

HOLDING CENTER:

SOIL RESEARCH INSTITUTE
AGRICULTURE CANADA

DATA SET IDENTIFIER: 587

636

TITLE: CANADIAN LAND DATA INVENTORY (1962).

PARAMETERS: LAND USE DATA

PERIOD OF OBSERVATION: 1 YEAR

Start: JAN 1962

End: DEC 1962

GEOGRAPHICAL AREA: CANADA SOUTH OF 60N

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: SEVERAL THOUSAND MAPS

REMARKS: SOME MAP DATA DIGITIZED

HOLDING CENTER:

LANDS DIRECTORATE
ENVIRONMENT CANADA

DATA SET IDENTIFIER: 604

637

TITLE: LAND USE INVENTORY OF DENSELY POPULATED AREAS IN CANADA, (1962 TO 1971).

PARAMETERS: LAND USE DATA

PERIOD OF OBSERVATION: 10 YEARS

Start: JAN 1962

End: DEC 1971

GEOGRAPHICAL AREA: 21 METROPOLITAN AREAS IN CANADA

DATA TYPE: OBSERVED DATA

Organization: GRID

MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH

VOLUME: UNKNOWN

REMARKS: NONE

HOLDING CENTER:

LANDS DIRECTORATE
ENVIRONMENT CANADA

DATA SET IDENTIFIER: 596

638

TITLE: CANADA LAND USE DATA (1962 TO 1978).

PARAMETERS: LAND USE DATA

PERIOD OF OBSERVATION: 17 YEARS

Start: JAN 1962

End: DEC 1978

GEOGRAPHICAL AREA: YUKON AND NORTHWEST TERRITORIES, CANADA, 60-90N.

DATA TYPE: DERIVED DATA

Organization: COMPOSITE

MEDIA: CHARTS/MAPS

VOLUME: UNKNOWN

REMARKS: 1:250,000-SCALE MAPS AND DESCRIPTIVE TEXT

HOLDING CENTER:

LANDS DIRECTORATE
ENVIRONMENT CANADA

DATA SET IDENTIFIER: 607

639

TITLE: BIOMASS BY CANADIAN FOREST REGIONS (1962 TO 1978).

PARAMETERS: LAND USE DATA

PERIOD OF OBSERVATION: 17 YEARS

Start: JAN 1962

End: DEC 1978

GEOGRAPHICAL AREA: MAJOR FOREST REGIONS, CANADA.

DATA TYPE: DERIVED DATA
Organization: COMPOSITE
MEDIA: CHARTS/MAPS
VOLUME: UNKNOWN
REMARKS: (VALID PERIOD 1979)
HOLDING CENTER:
CANADIAN FOREST SERVICE
FOREST MANAGEMENT INSTITUTE
DATA SET IDENTIFIER: 603

640

TITLE: CANADIAN SOCIO-ECONOMIC INFORMATION
MANAGEMENT SYSTEM, CANSIM (1975 TO PRESENT).
PARAMETERS: CROP YIELD, ENERGY CONSUMPTION,
HUMAN POPULATION ESTIMATES, PRICES OF FARM
CROPS
PERIOD OF OBSERVATION: 6 YEARS
Start: JAN 1975
End: CONTINUOUS
GEOGRAPHICAL AREA: CANADA
DATA TYPE: DERIVED DATA
Organization: COMPOSITE
MEDIA: PUBLICATION
VOLUME: 250, 000 TIME SERIES
REMARKS: SOME POPULATION DATA EXTEND BACK TO THE
19TH CENTURY. SOME CROP YIELD, ENERGY
SUPPLY/DEMAND DATA AVAILABLE ON LINE.
HOLDING CENTER:
USER ADVISORY SERVICES DIVISION
STATISTICS CANADA
DATA SET IDENTIFIER: 598

641

TITLE: U.S.G.S. LAND USE AND LAND COVER MAPS (1972 TO
PRESENT).
PARAMETERS: LAND USE DATA
PERIOD OF OBSERVATION: 9 YEARS
Start: JAN 1972
End: CONTINUOUS
GEOGRAPHICAL AREA: UNITED STATES LAND AREAS
DATA TYPE: DERIVED DATA
Organization: COMPOSITE
MEDIA: MAGNETIC TAPE, DIGITAL STANDARD 1/2 INCH
VOLUME: UNKNOWN
REMARKS: PREPARATION OF THIS DATA SET IS IN
PROGRESS. COMPLETION DATE FOR MAPS IS 1983 AND
FOR DIGITAL DATA, 1985.
HOLDING CENTER:
U.S. GEOLOGICAL SURVEY
U.S. DEPARTMENT OF THE INTERIOR
DATA SET IDENTIFIER: 592

642

TITLE: MAJOR USES OF LAND, UNITED STATES (1974).
PARAMETERS: LAND USE DATA
PERIOD OF OBSERVATION: 1 YEAR
Start: JAN 1974
End: DEC 1974
GEOGRAPHICAL AREA: EACH COUNTY IN THE UNITED
STATES
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUBLICATION
VOLUME: UNKNOWN
REMARKS: REPORTS ISSUED AT 5-YEAR INTERVALS
HOLDING CENTER:
NOAA/USDA JOINT AGRICULTURAL WEATHER FAC
USDA SOUTH BUILDING, ROOM 3526
DATA SET IDENTIFIER: 591

643

TITLE: USA CROP YIELD ESTIMATES (1979).
PARAMETERS: CROP YIELD
PERIOD OF OBSERVATION: 2 YEARS
Start: JAN 1979
End: CONTINUOUS
GEOGRAPHICAL AREA: UNITED STATES
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUBLICATION
VOLUME: UNKNOWN
REMARKS: PERIOD FOR CROP YIELD ESTIMATES IS UNCER-
TAIN
HOLDING CENTER:
NOAA/USDA JOINT AGRICULTURAL WEATHER FAC
USDA SOUTH BUILDING, ROOM 3526
DATA SET IDENTIFIER: 594

644

TITLE: U.S. CENSUS OF AGRICULTURE (1974).
PARAMETERS: LAND USE DATA
PERIOD OF OBSERVATION: 1 YEAR
Start: JAN 1974
End: DEC 1974
GEOGRAPHICAL AREA: EACH COUNTY OF THE UNITED
STATES
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUBLICATION, MAGNETIC TAPE, DIGITAL STAN-
DARD 1/2 INCH

VOLUME: UNKNOWN
REMARKS: DATA FROM THE 5-YEAR FARMLAND CENSUS.
HOLDING CENTER:
BUREAU OF THE CENSUS
U.S. DEPARTMENT OF COMMERCE
DATA SET IDENTIFIER: 589

645

TITLE: SOIL MAPS OF THE WORLD (1967-1976)
PARAMETERS: SOIL TYPE
PERIOD OF OBSERVATION: 10 YEARS
Start: JAN 1967
End: DEC 1976

GEOGRAPHICAL AREA: GLOBAL LAND AREAS
DATA TYPE: DERIVED DATA
Organization: COMPOSITE
MEDIA: MANUSCRIPT, CHARTS/MAPS
VOLUME: 10 PUBLISHED VOLUMES
REMARKS: MAPS ARE PUBLISHED BY THE UNITED NATIONS EDUCATIONAL SCIENTIFIC, AND CULTURAL ORGANIZATION, PLACE DE FONTENOY, 75700, PARIS, FRANCE.
HOLDING CENTER:
SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE
DATA SET IDENTIFIER: 606

646

TITLE: U.S. SOIL SURVEY MAPS (1899 TO PRESENT).
PARAMETERS: SOIL TYPE
PERIOD OF OBSERVATION: 82 YEARS
Start: JAN 1899
End: CONTINUOUS

GEOGRAPHICAL AREA: UNITED STATES
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: CHARTS/MAPS
VOLUME: UNKNOWN
REMARKS: SURVEYS ARE PRESENTED BY COUNTY - SEVERAL ARE OUT OF PRINT.
HOLDING CENTER:
SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE
DATA SET IDENTIFIER: 586

647

TITLE: U.S.D.A. FOREIGN CROP YIELD ESTIMATES (1980).
PARAMETERS: CROP YIELD
PERIOD OF OBSERVATION: 1 YEAR
Start: JAN 1980
End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL - BY NATION
DATA TYPE: OBSERVED DATA
Organization: NETWORK
MEDIA: PUBLICATION
VOLUME: UNKNOWN
REMARKS: PERIOD FOR CROP YIELD ESTIMATES IS UNCERTAIN
HOLDING CENTER:
FOREIGN AGRICULTURAL SERVICE
U.S. DEPARTMENT OF AGRICULTURE
DATA SET IDENTIFIER: 593

648

TITLE: USDA FOREST SERVICE RESOURCE EVALUATION DATA (1970-1974)
PARAMETERS: LAND USE DATA
PERIOD OF OBSERVATION: 4 YEARS
Start: JAN 1970
End: JUN 1974
GEOGRAPHICAL AREA: UNITED STATES
DATA TYPE: DERIVED DATA
Organization: COMPOSITE
MEDIA: MANUSCRIPT
VOLUME: UNKNOWN
REMARKS: REFERENCES: FOREST SERVICE HANDBOOK NO. 4809.11; FOREST SERVICE REPORT NO.20, JULY 1974, 274 PP.
HOLDING CENTER:
FOREST RESOURCES AND ECONOMIC RESEARCH
U.S. FOREST SERVICE, USDA
DATA SET IDENTIFIER: 605

649

TITLE: POTENTIAL NATURAL VEGETATION IN THE UNITED STATES (1964).
PARAMETERS: LAND USE DATA
PERIOD OF OBSERVATION: 1 YEAR
Start: JAN 1964
End: DEC 1964
GEOGRAPHICAL AREA: UNITED STATES
DATA TYPE: DERIVED DATA
Organization: COMPOSITE
MEDIA: PUBLICATION, CHARTS/MAPS
VOLUME: 1 MAP, 1 MANUAL, 16 PAGES
REMARKS: REFERENCE: KUCHLER, A.W., "POTENTIAL NATURAL VEGETATION OF THE CONTERMINOUS U.S.(MAPS AND MANUAL)." 1964, AMERICAN GEOGRAPHIC SOCIETY SPECIAL PUBLICATION.
HOLDING CENTER:
UNIVERSITY OF KANSAS
DEPT.OF GEOGRAPHY-METEOROLOGY
DATA SET IDENTIFIER: 588

650

TITLE: WORLD ATLAS OF AGRICULTURE - LAND USE AND
LAND COVER (1969).

PARAMETERS: LAND USE DATA, SURFACE COVER

PERIOD OF OBSERVATION: 16 YEARS

Start: JAN 1965

End: CONTINUOUS

GEOGRAPHICAL AREA: GLOBAL LAND AREAS

DATA TYPE: OBSERVED DATA

Organization: FIELD

MEDIA: CHARTS/MAPS

VOLUME: SEE REMARKS

REMARKS: ONE VOLUME OF MAPS AND 4 VOLUMES OF
DESCRIPTIVE TEXT AND STATISTICAL DATA FROM THE
EARLY 60'S ARE INCLUDED.

HOLDING CENTER:

UNIVERSITY OF PADUA
VERONA, ITALY

DATA SET IDENTIFIER: 595

PENN STATE UNIVERSITY LIBRARIES



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